



Anatomical Pathology

Solutions for Laboratories

Histology
Cytology
Immunohistochemistry
Digital Pathology



Dear Valued EpreDia Customer,

In times of flux, you need a partner you can trust in your pursuit of life-saving work. For nearly a century, EpreDia has been committed to the development of ground-breaking technologies, to excellence in quality, and to enabling you to achieve diagnostic excellence.

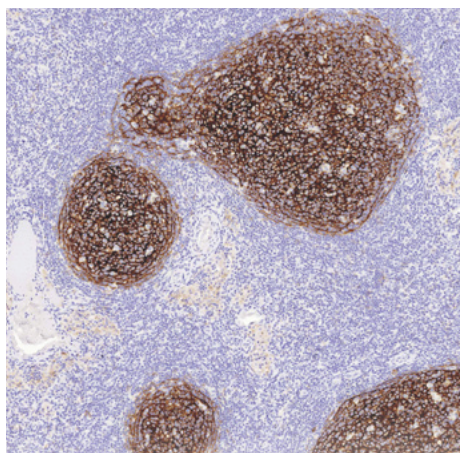
EpreDia is a global company enabling precision cancer diagnostics powered by some of the most respected names in the industry – Shandon, Richard-Allan Scientific, Microm, Menzel-Gläser, and others. Our portfolio represents the entire histology workflow, from specimen collection to processing, sectioning to staining, and advanced imaging to archiving.

In this catalog you will find a comprehensive offering of workflow solutions for histology, cytology, immunohistochemistry, and digital pathology. Every product and service developed has been impacted by generations of employees who are committed to improving lives by enabling pathologists through enhancing precision cancer diagnostics. Your success is our goal, and our solutions are designed to help you achieve yours, like getting better quality results to reduce diagnostic error, or improve your workflow to save time and increase capacity.

What you do matters, and we're here to support you. It is a pleasure to serve you at EpreDia.

Please note that all products featured in this catalog are registered for IVD use unless noted otherwise. For questions on IVD or RUO usage, please contact your EpreDia Sales Representative.

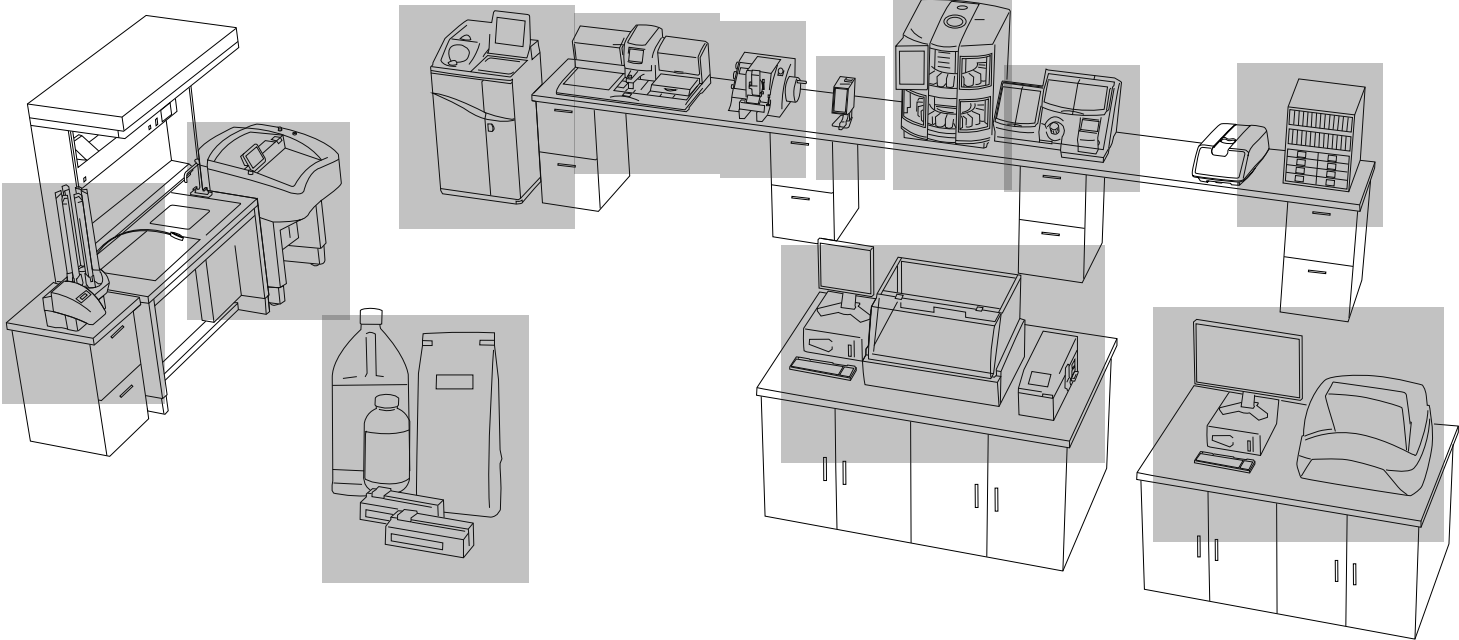
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You Have Questions, We Have Answers

Our factory trained support team includes technical, software, and laboratory applications professionals who are dedicated to solving your problems quickly in order to provide lasting solutions. We understand patient care depends on our equipment functioning at its best – we are here to help.

How can our products serve your specific needs?

Laboratory Applications Specialists provide comprehensive application support for EpreDia Anatomical Pathology instruments and consumable products.

- Assist with optimizing protocols or procedures when using EpreDia instruments or consumables
- Provide a level of troubleshooting expertise that is based upon a combination of real laboratory experience and industry experience
- Department members are ASCP certified in histology and hold a variety of educational degrees

Using your instruments to their maximum potential

Field Laboratory Applications Specialists are available for installation and comprehensive customer-site training for a wide variety of EpreDia laboratory equipment and related software applications.

Troubleshooting your EpreDia instrument

Our in-house Technical and Software Support Representatives go through rigorous factory training to troubleshoot instrument issues, provide assistance, and answer general questions. This ensures you receive the support you need for the instruments you use.

Direct Technical and Application Support (N. America)

Direct Technical Support	US: (800) 522-7270 – Option 2
Technical Phone and Email Support by Product Group	Secondary Phone Options: - Option 1 Tissue processing [†] , embedding centers - Option 2 Microtomes, cryostats - Option 3 PrintMate, SlideMate, software support for labeling and tracking - Option 4 Stainers, coverslippers, all other equipment Email: ep-techsupport.amer@epredia.com
Hours of Operation, Excluding US Holidays:	Monday through Friday, 8 a.m. – 5 p.m. EST
Direct Application Support	(800) 522-7270 – Option 3
Application Phone Support by Product Group	Secondary Phone Options: - Option 1 Consumable and Instrument applications - Option 2 Digital Pathology - Option 3 IHC Support
Hours of Operation, Excluding US Holidays:	Monday through Friday, 8 a.m. – 5 p.m. EST

[†]We offer on-call support after hours for technical emergencies that involve tissue at risk.

Service When and Where You Need it Most

We come to you

Should your instrument need service, we will send one of our factory-trained Field Service Engineers directly to your facility as soon as possible. Have confidence your instrument will be repaired in a timely manner and perform to your satisfaction.

- National coverage through a network of EpreDia Field Service Engineers
- Our Engineers are factory trained and certified. They ensure that all necessary updates and preventative procedures are carried out correctly, keeping your instrumentation up to date.
- We ensure only genuine factory replacement parts are used to repair your instrument

Our instruments come with a comprehensive parts and labor warranty (one full year for a new instrument).

Dedicated to your workflow

If there is a situation in which we cannot complete service at your facility, we will arrange to have your instrument evaluated at a depot repair facility. Service will be completed by our in-house Engineers who are subject matter experts, ensuring that your instrument will be returned to your laboratory as quickly as possible.



Service Support Rep (Europe*)

UK	Tel: +44 (0) 203 048 38 06 Email: service.uk@epredia.com
Germany	Tel: +49 6103 599 6795 Email: service.de@epredia.com
Belgium and Luxembourg	Tel: +32 (0) 800 260 57 Email: service.bnl@epredia.com
Netherlands	Tel: +31 (0) 76 799 6028 Email: service.bnl@epredia.com
Italy	Tel: +39 020 0702168 Email: service.italia@epredia.com

Direct Technical and Application Support (Europe*)

Direct Technical Support Europe	Tel: +44 (0) 20 45151998 Email: ep-techsupport.ap.runcom@epredia.com
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*UK, Germany, Belgium, Netherlands, Luxembourg, Italy only. For all other EMEA regions please contact your local EpreDia distribution partner

Technical Support (APAC*)

China	Tel: +86 400-101-8068 Email: ep-service.cn@epredia.com
Hong Kong	Tel: +852 3168 8668 Email: ep-service.hk@epredia.com
Japan	Tel: +81-120-878-279 Email: wg-inq_epredia@ml.phchd.com

*China, Hong Kong and Japan only. For all other APAC regions, please contact your local EpreDia distribution partner

Support For Your Immunohistochemistry Instruments

IHC Support

To contact the IHC Technical Support:	(800) 522-7270 – Option 3, Option 3 *N. America only
Email:	lab.reagents@epredia.com
Hours of Operation, Excluding Holidays:	8:00 a.m. – 5:00 p.m. EST



What assistance is provided to me regarding my Immunohistochemistry (IHC) instruments?

Your diagnosis is crucial and you depend on your equipment functioning at its best. We have a dedicated team of professionals on call, supported by a team of pathologists, IHC experts, Field Applications Specialists, and Field Service Engineers to assist with your IHC-related inquiries.

- Provide effective troubleshooting and timely issue resolution for EpreDia IHC instrumentation and consumable products
- Assist with selection of antibodies, detection systems and protocol optimization
- Provide high-level support based upon access to specific product history records, including Quality Control (QC) data and pathologist reviews

Please call our IHC Applications Specialists for:

- IHC reagent troubleshooting and technical tips
- Autostainer troubleshooting, preventative maintenance and service requests
- IHC protocol assistance
- Technical product information

Do Business with a Partner You Can Rely On

How can I learn more about EpreDia Anatomical Pathology products?

When you call into our Customer Care Department, your call will be answered by a live person – world-class response by highly trained Customer Care Service Representatives who are passionate about your business!

I'm ready to place an order

We know that your time is valuable and you want to do business with a partner you can rely on. Contact your local EpreDia Sales Representative or call our Customer Care team to start your order today.

Do you have items that you order the same quantity of on a weekly or monthly basis?

Standing orders are easy to set up and save you time. Ask your Customer Care professional today!

Can I fax or email my order?

Faxed or emailed orders are entered into our ordering system within eight business hours of receipt. For order accuracy and improved billing, please validate your purchase order for:

- Accurate “ship to” and “bill to” addresses
- Your contact information, including fax and phone numbers and email address
- Special shipping and handling instructions
- Auto confirmation through email
- Payment terms of Net 30
- Vendor information:

EpreDia
4481 Campus Drive
Kalamazoo, MI 49008

OR Remit (US only) to:
98194 Collection Ctr. Drive
Chicago, IL 60693

Orders and Order Status

North America

Call-in Orders and Order Status:	(800) 522-7270 (Option 1)
Hours of Operation, Excluding US Holidays:	Monday through Friday, 8 a.m. – 5 p.m. EST
Faxing Your Purchase Order?	Toll free fax: (877) 815-2608
Emailing Your Purchase Order?	ep-cs-kalamazoo@epredia.com

Europe, Middle East, and Africa (EMEA*)

Customer Service Germany	Tel: +49 (0) 214 506 80 026 Email: sales.de@epredia.com
Customer Service UK	Tel: +44 (0) 1928 628 350 Email: sales.uk@epredia.com
Customer Service Belgium and Luxembourg	Tel: +32(0)800 26057 Email: sales.bnl@epredia.com
Customer Service Netherlands	Tel: +31(0)76 799 6028 Email: sales.bnl@epredia.com
Customer Service Italy	Tel: +39 020 0702168 Email: sales.italia@epredia.com
Partners	Tel: +31 (0) 76 799 6067 partner.sales.emea@epredia.com

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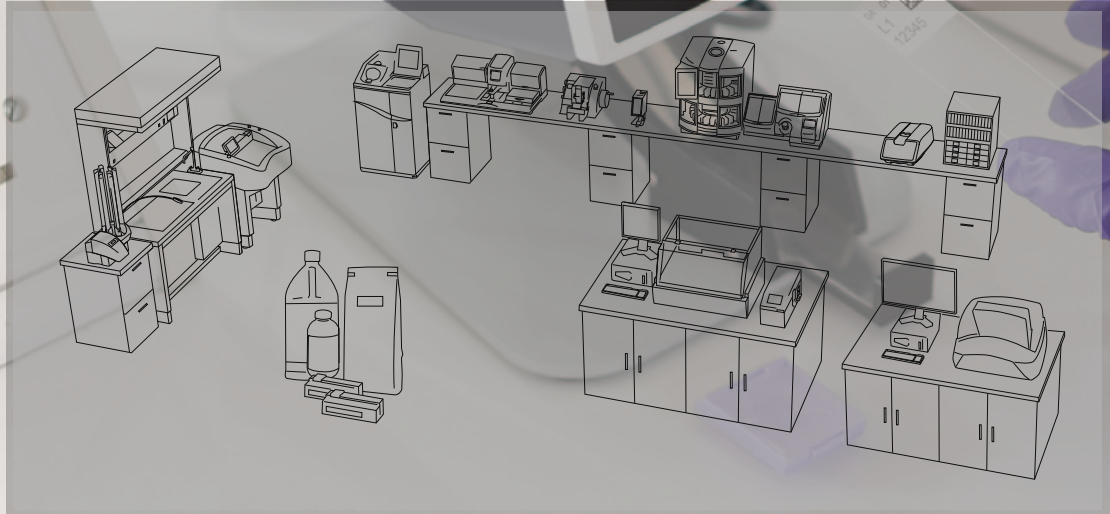
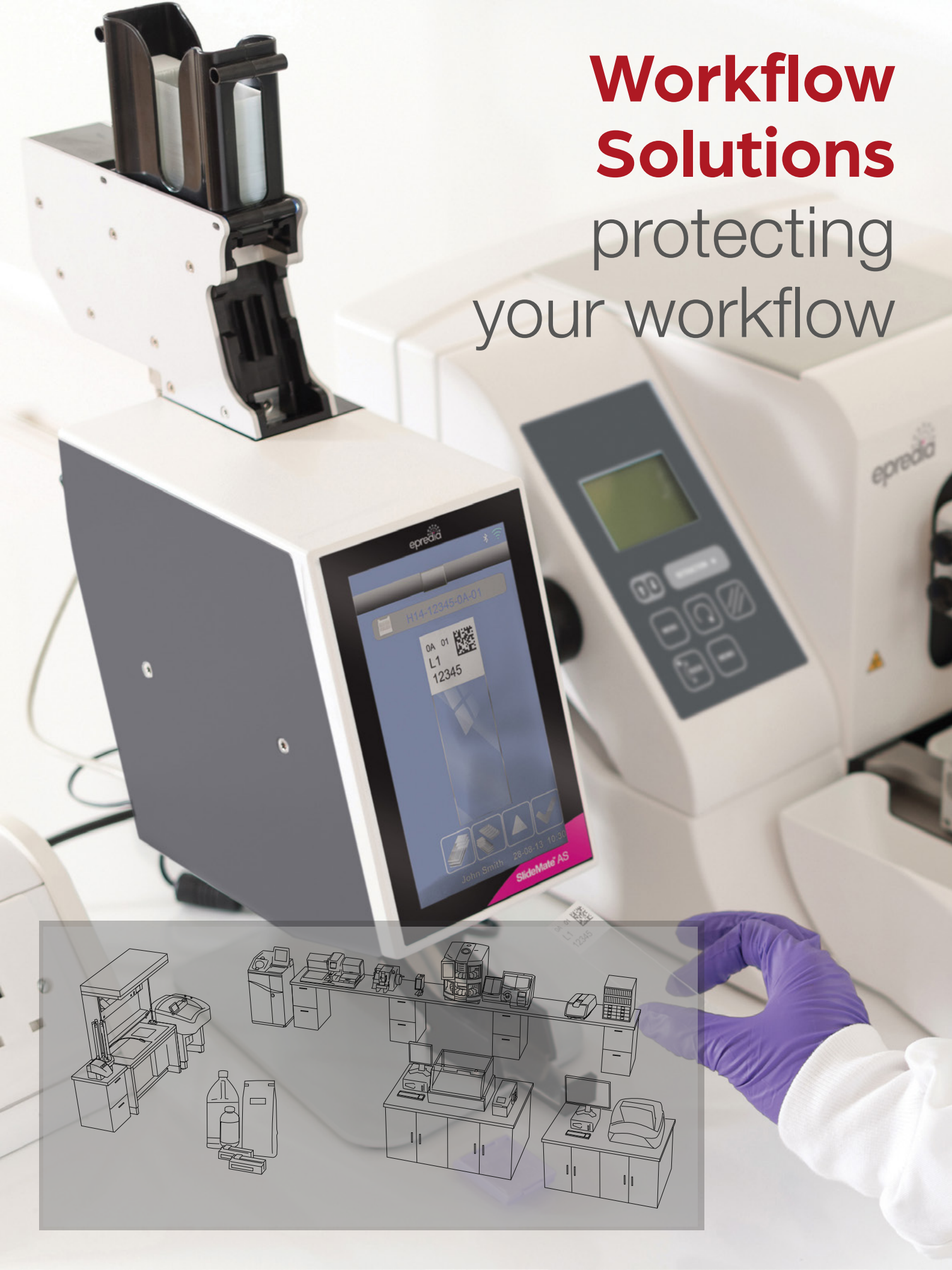
Asia

Customer Service China	Tel: +86 021 58307022 Email: ep-sales.cn@epredia.com
Customer Service Hong Kong	Tel: +852 3168 8668 Email: ep-sales.hk@epredia.com
Customer Service Japan	Tel: +81-120-878-279 Email: wg-order_entry_epredia@ml.phchd.com

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Workflow Solutions

protecting
your workflow



Simplify and Strengthen Your Workflow Process

A high proportion of the errors made in histology laboratories are caused by inadequate methods for labeling and tracking cassettes and slides. The PrintMate AS™ cassette printer and SlideMate AS™ and SlideMate Pro printers are the third and fourth generation of labeling equipment, that when used with PrintMate cassettes and slides, are designed to maximize accuracy while streamlining workflow and improving efficiency.

Small Footprint with Big Impact

- Ideal for on-demand labeling right at the grossing station or microtome, leading to lower error rates than traditional batch printing
- Print as few as one cassette or one slide and avoid mismatched pairing
- PrintMate AS optional collection system captures cassettes in trays for organized batch printing
- SlideMate Pro features three slide loading points and two automated hoppers to maximize workflow options

Solid Security

- The simple method of communicating with the Laboratory Information System provides a secure method of obtaining the details to be printed
- PrintMate AS, SlideMate AS, and SlideMate Pro can all be used as intelligent stand-alone printers capable of accepting data from a barcode or typed input

Total Care Program

- The new range of cassettes and slides have been designed for optimal use with all EpreDia instruments to establish an easily-maintained, accurate workflow
- Extended service contracts through the Total Care Program support your lab with twice yearly preventative maintenance visits with the aim of eliminating lost time due to breakdowns





Physical Specifications

Dimensions without cassette tubes
(D x W x H):

15 x 17.13 x 11.4 in.
(38 x 43.5 x 29 cm)

Dimensions with cassette tubes
(D x W x H):

15 x 17.13 x 31.89 in.
(38 x 43.5 x 81 cm)

Weight:

37.5 lbs. (17 kg) with tubes

Power requirements:

100-240 V, 50-60 Hz

Printing Specifications

Input cassette capacity:

PrintMate AS 150, 150 cassettes;

PrintMate AS 450, 450 cassettes;

PrintMate AS 900, 900 cassettes

Printing media: Black thermal
transfer ribbon

Printing media capacity: 1 roll =
20,000 cassettes (approximately)

Printing speed: 10 seconds per
cassette (approximately)

PrintMate AS Cassette Printer

Lean Workflow and Error Reduction in Your Laboratory

- Fast print speed matches your grossing workflow
- High-quality print means that every cassette is clearly marked with easy-to-read, permanent black type. Enhanced accuracy of sample integrity contributes to improved patient care
- The small size of the PrintMate AS™ cassette printer allows it to fit easily next to the grossing area, providing greater flexibility in determining the optimal workflow solution for your laboratory
- Cassettes are pre-heated for the ultimate print performance
- PrintMate AS cassette printer can be used as an on-demand or batch printer in any size laboratory
- Optional dual-track collection system collects up to 100 cassettes in organizer trays – the trays are easily stacked and simplify matching cassettes to specimen containers
- PrintMate AS cassette printer allows for the use of a wide variety of PrintMate cassettes from EpreDia

Print-on-Demand Capabilities

- Prints single cassettes using standard or custom configurations
- Simple method of obtaining data from a LIS
- Software can alternatively use barcodes from a requisition form or specimen container to automatically print cassettes, reducing errors caused by manual data entry
- Preview window lets you see what is about to be printed
- Can provide records of print jobs to help manage your staff and workflow

Adhere to Regulatory Requirements

- As requirements for cassette labeling change, the PrintMate AS cassette printer can continue to comply with new regulations and maintain your laboratory accreditation.

Not an IVD Medical Device and is not intended for diagnostic purposes

Description	Order Number
PrintMate AS 150 cassette printer (2 hoppers)	A83800001
PrintMate AS 450 cassette printer (6 hoppers)	A83800002
PrintMate AS 900 cassette printer (12 hoppers)	A83800003
Includes Printmate AS, USB Cable, power cable, 2, 6, or 12 cassette hoppers, one roll of tape (installed), EpreDia™ LabWriter™ software CD, operator guide, setup and installation	
PrintMate AS 150 cassette printing system (2 hoppers)	A83800004
PrintMate AS 450 cassette printing system (6 hoppers)	A83800005
PrintMate AS 900 cassette printing system (12 hoppers)	A83800006
Includes Printmate AS, USB Cable, power cable, 2, 6, or 12 cassette hoppers, one roll of tape (installed), EpreDia™ LabWriter™ software CD, operator guide, all-in-one-PC, and digital imager, setup and installation	

Accessories	Order Number
Collection system (includes cable, 4 trays for cassettes, output guides)	A79510014
Collection trays (box of 4)	A79510022
Thermal transfer ribbon, box of 5 rolls	A79510013
All-in-one touchscreen PC	B81300033
Digital imager (linear/2D barcode reader)	B35310050
Cassette hopper (ea.)	A79510024



Dispensing System (hopper)

- Dispensing system for reliable dispensing of cassettes

Total Care Package

The PrintMate AS Total Care Package offers workflow protection as never before. It offers a complete solution, combining the PrintMate AS on-demand cassette printer with cassettes and total care service support.

EpreDia Cassettes

All-new surface finish and reinforced print faces are built to optimize quality when used with the PrintMate AS cassette printer.

Total Care Service Support

The PrintMate AS Total Care Package includes three years of service support – one year warranty and two years extended service. Total Care Package customers receive two preventative visits per year for three years. At these visits, wear components are automatically replaced to ensure reliable operation and uninterrupted workflow.

You'll need:



Cassettes

The entire range of cassettes has been redesigned for better performance – both in printing and in laboratory processes.

- The all-new surface finish and reinforced print faces are built to optimize print quality when used with PrintMate AS cassette printers
- All-new PrintMate AS-compatible tubes are precisely engineered to reduce jamming and prevent downtime
- Opening and closing forces have been carefully adjusted for ease of use, while safeguarding valuable specimens during processing
- All cassette designs have been comprehensively validated for print quality, processing quality, and reliability in embedding and sectioning
- New 12-color range selected for scanning reliability



PrintMate Embedding Cassette

- Pore style: Round holes
- For routine specimens
- Lid hinge: Reversible



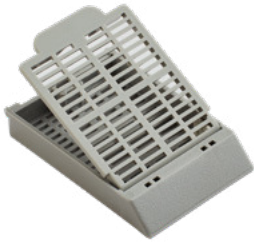
PrintMate Slotted Cassette

- Pore style: Slotted
- For routine specimens
- Lid hinge: Reversible



Thinline Slotted Cassette

- Pore style: Slotted
- For routine specimens
- Lid hinge: Front edge



Slotted Cassette 2

- Pore style: Slotted
- For routine specimens
- Lid hinge: Front edge



TissueLoc™ Cassette (Cassette IV)

- Pore style: Slotted
- For routine specimens
- Lid hinge: Back edge
- Large tab for easy opening



PrintMate Biopsy Cassette

- Pore style: Small squares
- For biopsy specimens
- Lid hinge: Reversible



Thinline Biopsy Cassette

- Pore style: Small square
- For biopsy specimens
- Lid hinge: Front edge



Biopsy Cassette 2

- Pore style: Small square
- For biopsy specimens
- Lid hinge: Front edge



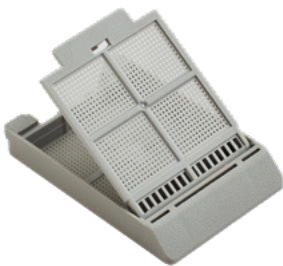
TissueLoc Biopsy Cassette (Cassette IV)

- Pore style: Small square
- For biopsy specimens
- Lid hinge: Back edge
- Large tab for easy opening



HistoScreen™ Cassette

- Pore style: Mesh
- For very small biopsy specimens
- Eliminates need for sponges or bags
- Lid hinge: Back edge



Fine Pore Cassette

- Pore style: Small holes
- For very small biopsy specimens
- Lid hinge: Front edge

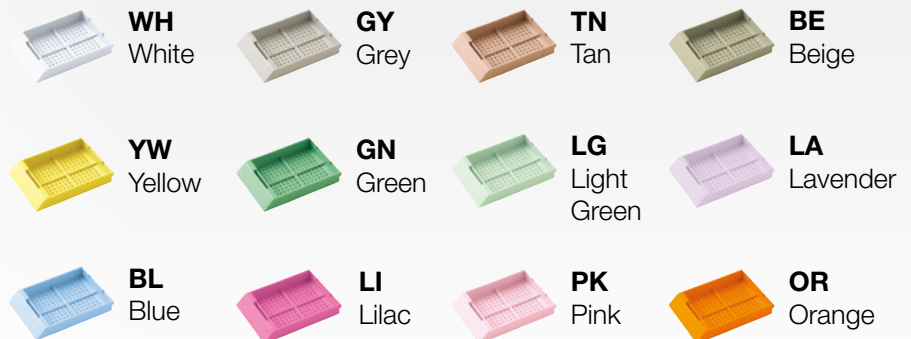
Accessories	Order Number
PrintMate Embedding Cassette	
1,000 cassettes, loose, with no lids – for use with metal lids	B851040
750 cassettes, 10 tubes of 75 cassettes, with no lids – for use with metal lids	B851010
1,000 cassettes, loose, with loose-packed lids	B851070
750 cassettes, 10 tubes of 75 cassettes, with loose-packed lids	B851100
Metal lids for cassettes, 25 pieces	1001003
PrintMate Slotted Cassette	
1,000 cassettes, loose, with loose-packed lids	B851090
750 cassettes, 10 tubes of 75 cassettes, with loose-packed lids	B851120
Thinline Slotted Cassette	
750 cassettes, 10 tubes of 75 cassettes, with color-matched, attached lids	B851736
Slotted Cassette 2	
1,000 cassettes, loose, with loose-packed lids	B851739
750 cassettes, 10 tubes of 75 cassettes, with loose-packed lids	B851729
TissueLoc Cassette (Cassette IV)	
1,000 cassettes, loose, with loose-packed lids	B851954
750 cassettes, 10 tubes of 75 cassettes, with loose-packed lids	B851720

Accessories	Order Number
PrintMate Biopsy Cassette	
1,000 cassettes, loose, with attached lids	B851080
750 cassettes, 10 tubes of 75 cassettes, with loose-packed lids	B851110
Thinline Biopsy Cassette	
750 cassettes, 10 tubes of 75 cassettes, with color-matched, attached lids	B851737
Biopsy Cassette 2	
1,000 cassettes, loose, with loose-packed lids	B851738
750 cassettes, 10 tubes of 75 cassettes, with loose-packed lids	B851730
TissueLoc Biopsy Cassette (Cassette IV)	
1,000 cassettes, loose, with loose-packed lids	B851925
750 cassettes, 10 tubes of 75 cassettes, with loose-packed lids	B851750
HistoScreen Cassette	
1,000 cassettes, loose, with loose-packed lids	B851000
750 cassettes, 10 tubes of 75 cassettes, with loose-packed lids	B851001
Fine Pore Cassette	
1,000 cassettes, loose, with color-matched, attached lids	B851735
750 cassettes, 10 tubes of 75 cassettes, with color-matched, loose-packed lids	B851734

Ordering is easy.

Simply select your cassette and configuration number above, add the two digit color code from below.

Example: Light Green TissueLoc Biopsy Cassette in tubes = B851750LG





Nova Laser Cassette Printer

Crisp, Clear Printing

- The EpreDia NOVA™ Laser Cassette Printer offers extremely high-resolution, 600 dpi print. The print is crisp and clear, enabling more information to be printed onto the limited physical space available on a tissue cassette.

A Lasting Impression

- The NOVA printer employs a laser technology which activates a compound embedded in the cassettes' plastic. The result ... an extremely durable, permanent marking ideal for text and barcode images.

Built to Fit Your Demands... And Your Workbench

- The low-noise, compact NOVA system enables an on-demand printing workflow built to keep pace with your laboratory processes. The NOVA printer marks cassettes at a rate of one every five seconds. Its small footprint is ideal for laboratories with limited bench space or a desire to place the printer at the grossing station.

Reduced Operational Expenses

- The NOVA laser technology eliminates the costs and downtime associated with maintaining print heads, ink cartridges, ribbon, and UV fixing lights.

Physical Specifications

Dimensions without cassette tubes (D x W x H):
(37.7 x 20 x 51 cm)

Weight:
16.5 kg

Power requirements:
100-240 V, 50-60 Hz, 3 A

Printing Specifications

Hoppers: 1

Capacity: 80 cassettes

Throughput: up to 720 cassettes per hour

Printing Resolution: 600dpi

Max Characters: up to 100

Character Types: Alphanumeric, Barcode: Linear, 2-dimensional, ASCII codes

Laser Type: Sealed Class IV YAG laser, 2.2 Watts

LIS connectivity to streamline workflow

Description	Order Number
EpreDia Nova Laser Cassette Printer	
EpreDia NOVA laser cassette printer with PC, 4 hoppers	NOVA05-FT-PCDI
EpreDia NOVA laser cassette printer with 4 Hoppers	8000039

Accessories	Order Number
Side delivery system for Nova	9001150
Additional hopper: 80-cassette capacity	9000784
13.3 in. All-in-one PC	B81310055MD

Not an IVD Medical Device and are not intended for diagnostic purposes.



Vega Laser Cassette Printer

Crisp, Clear Printing

- The Epredia Vega™ Laser Cassette Printer offers extremely high-resolution, 600 dpi print. The print is crisp and clear, enabling more information to be printed onto the limited physical space available on a tissue cassette.

A Lasting Impression

- The Vega printer employs a laser technology which activates a compound embedded in the cassettes' plastic. The result ... an extremely durable, permanent marking ideal for text and barcode images.

The Wait is Over

- The low-noise, compact VEGA system is built to keep up with your laboratory processes, marking cassettes at a rate of one every five seconds. The six-hopper carousel eliminates time lost to swapping colors or types of cassettes.

Reduced Operational Expenses

- The Vega laser technology eliminates the costs and downtime associated with maintaining print heads, ink cartridges, ribbon, and UV fixing lights.

Physical Specifications

Dimensions without cassette tubes (D x W x H):
(62 x 26 x 52 cm)

Weight:
23.3 kg

Power requirements:
100-240 V, 50-60 Hz, 3 A

Printing Specifications

Hoppers: 6

Capacity: 480 cassettes

Throughput: up to 720 cassettes per hour

Printing Resolution: 600dpi

Max Characters: up to 100

Character Types: Alphanumeric, Barcode: Linear, 2-dimensional, ASCII codes

Laser Type: Sealed Class IV YAG laser, 2.2 Watts

LIS connectivity to streamline workflow

Description	Order Number
Epredia VEGA Laser Cassette Printer	
Epredia Vega laser cassette printer with all-in-one PC and six hoppers	VEGA05-FT-PCDI
Epredia Vega laser cassette printer with 6 hoppers	8000038
Epredia Vega laser cassette printer with 6 hoppers with Sorter	8000040
Epredia Vega laser cassette printer with 6 hoppers with Duo	8000041

Accessories	Order Number
Side delivery system for Vega	9001140
Cassette sorter V2 for Vega	8000042
Cassette collector for Vega sorter, 4 x 25 cassette capacity	9001387
Duo unit V2 for Vega	8000043
Trays couple for Vega Duo, 2 x 10 cassette capacity	9001547
Hopper carousel with 6 hoppers, 480 cassette capacity	9001327
13.3 in. All-in-one PC	B81310055MD

Not an IVD Medical Device and are not intended for diagnostic purposes.

Laser Optimized Cassettes

Disposable plastic tissue cassettes are suitable for holding and identifying tissue samples in processing, embedding, and sectioning procedures. The cassettes fit securely in microtome chuck adapters. The cassette is totally resistant to the chemical action of histological solvents. These cassettes are designed to work with laser printers and thermal printers and will keep specimens safe during processing. The slanted printing surface accepts markings easily, permitting sample identification throughout all stages of embedding and long afterwards when in archives. Available in 11 colors. Color availability may vary based on region. Cassettes are packaged in stacks of 40, available in 25 stacks per box (1000 cassettes per box) or 45 stacks per box (1800 cassettes per box).



Slotted Cassettes with Front Tab (110-XX-10LM)

- Pore style: Slotted
- For routine specimens
- In taped stacks



Slotted Cassettes (115-XX-10LM)

- Pore style: Slotted
- For routine specimens
- In taped stacks



Biopsy Cassettes with Front Tab (210-XX-10LM)

- Pore style: Biopsy
- In taped stacks



Biopsy Cassettes (215-XX-10LM)

- Pore style: Biopsy
- In taped stacks



Embedding Cassettes (315-XX-18LM)

- Pore style: Embedding
- In taped stacks



Bionet Cassettes (615-XX-18LM)

- Pore style: Bionet
- In strips



Slotted Embedding Cassettes with Integrated Lid (815-XX-18LM)

- Pore style: Slotted
- For routine specimens
- In taped stacks

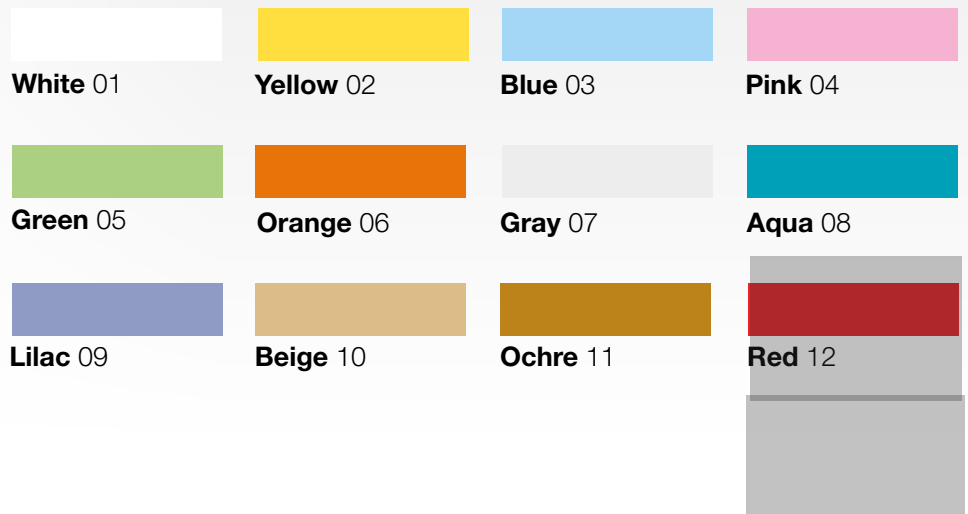
Cassette Accessories	Order Number
Metal lid for laser embedding cassettes 315	FTML315

**For UK, France, Switzerland, Austria and Germany, use “LMI” instead of “LM” when ordering.
Ex: 815-xx-18LMI**

Available in a wide variety of colors.

Simply select your cassette and configuration number above, add the two digit color code.

Example:
Orange Embedding Cassette
315-06-18LM





SlideMate Laser – Precision Captured

Epredia's SlideMate™ Laser dual-hopper slide printer uses laser technology to print directly on slide tabs.

Enter the Era of Precision Printing Clarity

- High resolution, 600dpi printing
- Laser-optimized slides provide clear and robust printing surface
- Adhesion slides use same technology as Superfrost PLUS™ slides

Consistency

- True on-demand slide barcode printing
- Reliable laser technology may reduce instances of instrument downtime
- No additional consumables required such as ink, bulbs or ribbon

Confidence

- Improved barcode quality can enhance downstream workflow with improved scannability
- Installation and connectivity support provided by experienced Epredia team

Physical Specifications

Dimensions:
(D x W x H):
17.9 x 9.25 x 15.2 in.
(45.6 x 23.5 x 38.76 cm)

Weight:
45.5 lbs. (20.7 kg)

Power requirements:
100-240 V, 5A

Printing Specifications

Printing media: No additional consumables required

Printing speed: 4 sec/slide

Slide type: SlideMate Laser PLUS and SlideMate Laser slides

Description	Quantity	Order Number
SlideMate Laser Printer	1	8000048
SlideMate Laser Hopper	2	9001644
SlideMate Laser Chute	2	9001645
SlideMate Laser filters	5	4000850
SlideMate Laser brush	1	20000001
SlideMate Laser stylus	1	20000002

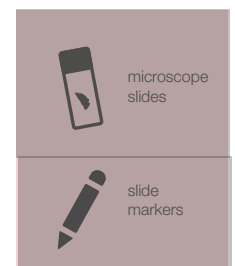
Epredia's SlideMate Laser slides are specifically designed for compatibility with SlideMate Laser®.

SlideMate Laser PLUS Slides	
Description	Order Number
White	LS-40411-PS8523-1
Blue	LS-50411-PS8523-1
Green	LS-60411-PS8523-1
Pink	LS-70411-PS8523-1
Yellow	LS-80411-PS8523-1

SlideMate Laser Non-adhesion Slides	
Description	Order Number
White	LS-40411-8524-1
Blue	LS-50411-8524-1
Green	LS-60411-8524-1
Pink	LS-70411-8524-1
Yellow	LS-80411-8524-1

Not an IVD Medical Device and is not intended for diagnostic purposes

You'll need:





SlideMate Pro Dual Hopper Slide Printer

Introducing the SlideMate Pro thermal transfer microscope slide printer from EpreDia, a smart solution with flexible configuration options to match your laboratory's needs.

Reduce Patient Identification Errors

- High-quality printing of text, numbers and barcodes (linear and 2D) directly onto the slide tab
- Chemical resistant media ensures print durability
- Small footprint, fits next to the microtome
- Fully integrated color touch screen and easy-to-use intuitive software
- Built-in barcode scanner reads cassette information and imports data to the slide label
- Easily optimize print quality of adhesion and non-adhesion slides by saving individual heat settings

Enhance Lean Workflow

- High throughput: 4-5 seconds per slide
- Integrated slide delivery system built-in permanently to the instrument
- Two hoppers instead of one: Can accommodate two different types of slides with easy access on top of the printer
- Three feeding options: SlideMate Pro has a manual load option for 3rd slide type, in addition to the two automated hoppers for special stains or controls
- Intelligent slide selection system: Program the instrument to automatically choose the hopper based on the image/text file profile or manually select the hoppers
- Windows®-based operating system for ease of connectivity to other computers or Laboratory Information Systems

Connectivity

- Ethernet, Wi-Fi, USB-A (2), USB-B (1)

Physical Specifications

Dimensions:
(D x W x H):
13 x 6.4 x 16 in.
(33 x 16.3 x 40.6 cm)

Weight:
15.7 lbs. (7.1 kg)

Power requirements:
100-240 VAC, 50-60 Hz, 1.2A Max.

Printing Specifications

Printing media: Black thermal transfer ribbon

Printing media capacity: 1 roll = 12,000 slides (approximately)

Printing speed: 4-5 sec/slide

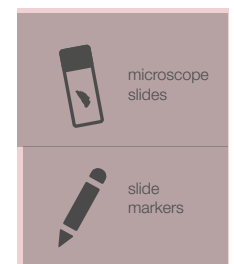
Slide type: 1 x 3 in.
or 25 x 75 x 1 mm

Description	Order Number
SlideMate Pro On-Demand Printer	A83900015

SlideMate Pro on-demand printer with two hoppers, color touch-screen, built-in scanner, power cord, print head cleaning kit, and Windows® based printer driver that enables label creation, special panel printing, and import from LIS

Description	Order Number
Spare hopper for SlideMate Pro	A83910011
Thermal transfer ribbon	A83910001
Head cleaning kit	A83910008

You'll need:



The SlideMate Pro slide printer is not approved for IVD use.



SlideMate AS

The SlideMate AS on-demand slide printer promotes single-piece workflow through unique features designed specifically for on-demand printing.

Reduce Patient Identification Errors

- Smaller footprint than previous models, making it easier to fit next to the microtome
- Fully integrated color touch screen and easy-to-use intuitive software
- Built-in barcode scanner reads cassette information and imports data to the slide label
- Easily optimize print quality of adhesion and non-adhesion slides by saving individual heat settings

Enhance Lean Workflow

- Optional connectivity to other computers as well as LIS and LIMS in conjunction with a Windows™ driver for a formatted label image
- Printer may also be used as a Zebra™ printer replacement
- Prints directly onto the slide
- High-quality printing of text, numbers and barcodes (linear and 2D)
- Flexible data input methods allow integration into the laboratory workflow
- Chemical resistant media ensures print durability
- Please contact an Eprelia representative about how SlideMate AS can best meet your workflow needs.

Connectivity

- Ethernet, Wi-Fi, USB-A (2), USB-B (1)

SlideMate Slides and SlideMate Plus Adhesion Slides for SlideMate AS

- Dedicated slides that have been validated to work on the SlideMate AS printer. Available in 12 colors. See page 26 for details.

Physical Specifications

Dimensions:
(D x W x H):
9.1 x 4.8 x 11.5 in.
(23 x 12.2 x 29 cm)

Dimensions with delivery
system and hopper:
9.1 x 4.8 x 18.5 in.
(23 x 12.2 x 17 cm)

Weight:
8.3 lbs. (3.78 kg)

Power requirements:
100-240 VAC, 50-60 Hz, 1.2A

Printing Specifications

Printing media: Black thermal
transfer ribbon (25 mm wide)

Printing media capacity: 1 roll =
12,000 slides (approximately)

Printing speed: 9-12 slides/min

Slide type: 1 x 3 in.
or 25 x 75 x 1 mm

The SlideMate AS slide printer is not approved for IVD use.

Description	Order Number
SlideMate AS basic printer	A83900001
SlideMate AS basic printer with color touch-screen, power supply, power cord, and Windows® Printer Driver software to print externally generated slide label from an image file	
SlideMate AS basic printing system	A83900002
SlideMate AS basic printer with slide delivery system, color touch-screen, power supply, power cord, and Windows® Printer Driver software to print externally generated slide label from an image file	
SlideMate AS on-demand printer	A83900004
SlideMate AS on-demand printer with color touch-screen, built-in scanner, WI-FI, power supply, power cord, and advanced software enabling label creation, special panel printing, and import from LIS	
SlideMate AS on-demand printing system	A83900005
SlideMate AS on-demand printer with slide-delivery system, color touch-screen, built-in scanner, WI-FI, power supply, power cord, and advanced software enabling label creation, special panel printing, and import from LIS	

Description	Order Number
Thermal transfer ribbon	A83910001
Slide delivery system	A83910002
Spare slide hopper for slide delivery system	A83920016
Gateway software (one unit)	A83910005
Multi-gateway software (up to ten units)	A83910009
Head cleaning kit	A83910008

Total Care Package

Efficiency and accuracy are hallmarks of today's leading laboratories. Now, the SlideMate AS Total Care Package offers workflow protection as never before. It offers a complete solution, combining the SlideMate AS on-demand slide printer with microscope slides and total care service support.

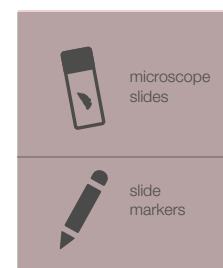
Epredia Microscope Slides

Epredia Microscope slides are made from fine white glass, manufactured to high quality standards. The clarity achieved by our manufacturing process helps ensure high levels of transparency to aid in accurate diagnosis. All slides are pre-cleaned, thin, flat, and feature finely ground edges with a permanent tab for printing with the SlideMate AS.

Total Care Service Support

The SlideMate AS Total Care Package includes three years of service support – one year warranty and two years extended service. Total Care Package customers receive preferential 24-hour service turnaround and will be sent a permanent SWAP unit to reduce any downtime.

You'll need:



Microscope Slides

Our microscope slides are made from fine white glass, manufactured to high quality standards in our glass manufacturing plant. The clarity achieved by our manufacturing process helps ensure high levels of transparency to aid in accurate diagnosis. Our skilled glassmakers strive to create slides with lot-to-lot and box-to-box consistency. Fully integrated quality controls include several checkpoints for testing, ensuring high quality product for laboratory use. All slides are pre-cleaned, thin, flat, and feature finely ground edges. Each pack is wrapped to protect against humidity and moisture. Contact your local sales representative for more information.



SlideMate Slides and SlideMate Plus Adhesion Slides

- Smooth, 3/4 in (20 mm). white tab validated to work with the SlideMate AS and SlideMate Pro slide printer
- Tab is impervious to virtually all common laboratory chemicals and reagents
- Available in adhesion and non-adhesion formulas
- Slides are packed with a special inner wrap to assist with loading into the SlideMate AS and SlideMate Pro hopper to prevent contamination due to handling
- SlideMate slides have been validated for use with the SlideMate AS and SlideMate Pro. Customer validation required for use with other thermal transfer printing systems
- The heat setting for SlideMate AS and SlideMate Pro printers when used in conjunction with SlideMate Slides may need to be lowered compared to the heat setting when using SlideMate AS Printer with Superfrost slides. Each SlideMate AS and SlideMate Pro printer should be optimized individually.

Superfrost and Colorfrost Slides

- Superfrost and Colorfrost™ Slides feature a durable, easy to write, print and label printed tab
- Printed tab is impervious to virtually all common laboratory chemicals and reagents
- Available in a wide variety of colors to ease identification
- Available in large format

Specialty Printed Slides

- Localize cells in an easily-identifiable area on the slide surface
- Wells are surrounded by a chemical and water-resistant hydrophobic ink mask
- Available in 1, 3, 8, 10, and 12-well configurations

Polysine Adhesion Slides

- Adhesive coating attracts paraffin-embedded sections to slide surface
- Polysine slides are coated with a derivative of the chemistry for poly-L-lysine
- Feature a durable, easy to write, print, and read printed white tab
- Printed white tab is impervious to virtually all common laboratory chemicals and reagents

Superfrost Plus Gold Adhesion Slides

- Superfrost Plus Gold Adhesion Slides are made with a complex adhesive technology which attracts and chemically bonds fresh or formalin-fixed frozen tissue sections firmly to the surface of the slide
- Recommended for hard-to-hold tissue samples like bone, brain, breast and skin
- Feature a durable, easy to write, print and read printed white tab
- Printed tab is impervious to virtually all common laboratory chemicals and reagents

SuperFrost Plus and ColorFrost Plus Adhesion Slides

- SuperFrost™ Plus and Colorfrost Plus adhesion slides are designed to secure tissue sections without the need for laboratory-applied coatings
- Slides secure frozen and formalin-fixed, paraffin embedded tissue sections as well as cytology preparations
- Each slide features a chemistry based on silane, although optimized to improve application performance
- Feature a durable, easy to write, print, and read printed tab
- Printed tab is impervious to virtually all common laboratory chemicals and reagents
- Available in a wide variety of colors to ease identification
- Available in large format



*Not all microscope slide products are featured in this catalog. For more information about other EpreDia microscope slides, please contact your sales representative.

Markers



Diamond Point Marker

- Writes indelibly on glass
- Mounted in aluminum pencil
- 5" (12.7 cm)

The Diamond Point Marker is not approved for IVD use.

Tissue Section Adhesive

Tissue Section Adhesive is pre-mixed and ready-to-use; adhesive will not interfere with staining reactions.

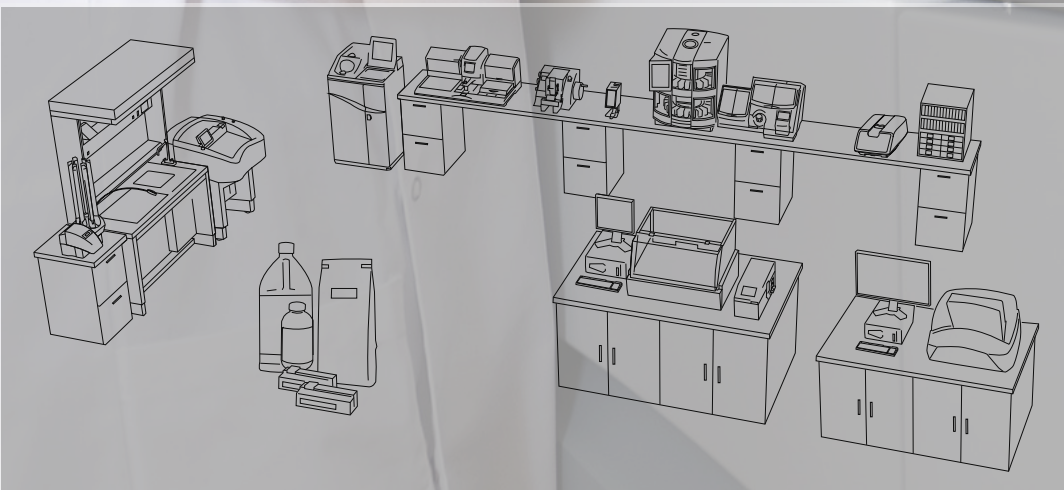
- Use in the water bath to increase the affinity of the tissue for the slide
- Does not create background residue
- Improves adhesion for techniques utilizing heat

Description	Order Number
Diamond Point Marker	750
Tissue Section Adhesive	86014

Not an IVD Medical Device and is not intended for diagnostic purposes

Tissue Processing and Embedding

consistency
in quality



Consistent, high quality tissue processing

Tissue processing is the foundation to producing reliable results in the Histology laboratory. EpreDia tissue processing solutions are designed to efficiently produce high quality paraffin blocks that helps to enable Pathologists to make an accurate diagnosis.

Quality

- Round chamber design to help increase the efficiency of fluid movement (Revos™ tissue processor and Excelsior™ tissue processor only)
- Baskets designed with cassette spacers to allow fluid to easily move in and out of each cassette

Safety

- Dowlraft ventilation helps to reduce exposure to harmful and toxic fumes
- Two forms of filtration to handle common reagents (xylene, alcohol, and formalin)
- Unique reagent management design eliminates the need to transfer reagents into secondary vessels

The Total Solution

- Syntri Safeguard consumables, in conjunction with the Revos tissue processor, use RFID technology to track and log reagent usage, helping facilitate the most efficient and safe use of reagents
- Get peace of mind with EpreDia extended service contracts that include preventative maintenance and thorough, expedited repairs, ensuring minimal downtime in your laboratory





Revos Tissue Processor

Laboratories are under increasing pressure to speed up processes, reduce costs, and eliminate errors. The Revos™ tissue processor is expressly designed to help overcome these challenges.

Rapid Processing

- Unique, canted chamber enhances the distribution of reagent, reduces tissue processing time¹, and allows for high-quality processing results

Intelligent Monitoring

- The instrument's intelligent reagent monitoring system tracks and logs reagent usage
- System remembers every bottle loaded, protocol executed, and service performed – allowing laboratories to use reagents more efficiently

Safety and Protection

- Dual-filtration system and down-draft ventilation help protect laboratory staff by controlling both solvent and formalin fumes
- Be ready for unexpected power outages – the on-board battery backup system keeps your samples safe and protocols active for up to three hours

Syntri Enabled

- A Smarter Solution with Syntri safeguard consumables allowing the Revos to track every bottle loaded, protocol executed, lot number, and expiration date – helping to reduce downtime and facilitate your workload.

Enhanced Serviceability

- Advanced remote diagnostic capabilities are available to help minimize downtime and keep your lab running

Physical Specifications

Dimensions (D x W x H):
23 x 34 x 54 in.
(58 x 85 x 137 cm)

Weight:
Weight: 364 lbs / 165 kg (empty)
530 lbs / 240 kg (full)

Power Requirements

100-240 V, 50-60 Hz

¹Xian Thong, Q., Najwa Binti No Arfuzir, N., Najib bin Abu Husin, M., Marimuthi, V. Reduction in Tissue Processing Turnaround Time Without the Use of Heat [Clinical Study Brief]. 2022. EpreDia. <https://epredia.com/pdf/revos/clinical-study-brief>.

Description	Order Number
Revos tissue processor	A84100001
Revos tissue processor (US version)	A84100001ATC

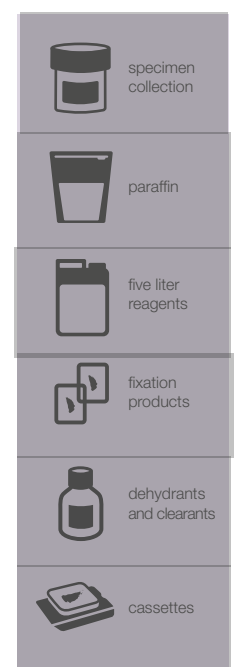
Accessories	Order Number
Formaldehyde (potassium permanganate) filter, 6 / pk	B9990612CS
Charcoal filter, 6 / pk	7411258
Downdraft extraction duct adapter kit	A84110045
Main air system duct adapter kit	A78410024
Storage bottles (5L); 6 / pk	A788410026
Waste wax drawer; 5 / pk	8300
Organized basket, 6 / pk	A84110031
Mega (Super) basket, 6 / pk	A84110032
Level sensor cleaning pad	A78410095



5 Liter Reagents – Syntri Safeguard

The accuracy of patient tests often hinges upon proper preparation and consistency in processes throughout the laboratory. When paired with Syntri Service and reagents featuring Syntri Safeguard RFID technology, the Revos tissue processor tracks and logs reagent usage through utilizing intelligent reagent management. It remembers every bottle loaded, protocol executed and service performed – helping to reduce downtime and facilitating efficient use of reagents.

You'll need:





Excelsior AS Tissue Processor

When time and money are short, the Excelsior AS™ tissue processor helps overcome these challenges while reducing exposure to hazardous chemicals.

Enhanced tissue quality

- Cassette baskets are gently rotated inside the circular chamber, providing more effective agitation than an impeller
- Reagents can be preheated to up to 35 °C, minimizing tissue shock and facilitating reagent penetration
- Baskets can be used for microwave secondary fixation

Significant reagent cost savings

- By directly measuring the alcohol quality during every run, reagents can be replaced when completely exhausted, reducing waste
- Automatic reagent rotation further extends reagent life using a proven system
- Direct quality measurement and automatic rotation together can lead to reagent savings of 75% or more

Versatile, Efficient Workflow

- Reduce maintenance time by replacing one bottle of each reagent rather than all of them
- New reagents are drawn directly into the processor from the supplier's bottles. No pouring – no mess – no fumes
- Run rapid biopsies during the day and conventional programs overnight

Safe for the tissue – safe for the operator

- When the chamber is opened, a downdraft fan pulls fumes through a filter to protect users from chemical exposure
- Fumes from the cabinet are extracted through filters to protect users from alcohol, xylene, and formaldehyde
- Remove waste paraffin by simply discarding a plastic tray – no paraffin spillage and burns
- Battery back-up protects against power outages
- Compatible with IPA xylene-free processes as well as conventional reagents

Physical Specifications

Dimensions (D x W x H):
23 x 28 x 54 in.
(58 x 71 x 137 cm)

Weight: 267 lbs / 121 kg (empty)
445 lbs / 202 kg (full)

Power Requirements

100-240 V, 50-60 Hz

Includes

Basic instrument, reagent vessels, wax baths, processing basket(s), permanganate filter, two charcoal filters and instruction manual.

Simple to learn and operate

- The all-new touch screen interface is intuitive and easy to learn
- With intelligent software, it is easier to avoid mistakes that affect tissue quality
- Engineered for reliability and peace of mind

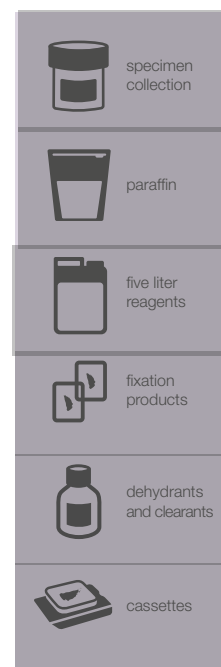


Description	Order Number
Excelsior AS tissue processor	A82300001
Excelsior AS tissue processor (USA version)	A82300001A

Accessories	Order Number
Formaldehyde (potassium permanganate) filter, 6 / pk	B9990612CS
Charcoal filter, 6 / pk	7411258
Plastic basket - carrying container, 4 L	B35210007
Reagent bottles (front cabinet), 5 L, 6 / pk	A78410026
Downdraft extraction duct adapter kit	A82310033
Main air system duct adapter kit	A78410024
Waste wax drawer; 5 / pk	8300
Level sensor cleaning pad	A78410095

- Random basked // organized basket

You'll need:





STP 120 Spin Tissue Processor

The STP 120 tissue processor is designed to process biological specimens from chemical fixation to wax infiltration. Its unique design uses programmable, gentle centrifugal force to augment the normal vertical agitation process associated with carousel processors.

Customizable for Your Lab

- Immediate and delayed-start processing modes so you can process tissues when it's most convenient
- Cassette baskets spin counterclockwise and clockwise within reagent container to improve processing
- Customizable spin speeds and programmable immersion time in each station to accommodate a variety of specimen types
- Microprocessor unit can maintain up to ten processing programs to save on programming time
- Basket holds up to 120 cassettes
- Save money by reducing reagent carryover through centrifugal spinning of the basket above the reagent vessel

Focused on Safety

- Reagent vessel covers and charcoal-enhanced ventilation help control processing vapors for user safety

Physical Specifications

Dimensions:

Diameter: 33.5 in. (85 cm)

Height: 19.7 - 27.6 in. (50-70 cm)

Weight: 154.3 lbs / 70 kg

Power Requirements

100-120 V, 50/60 Hz, 1.7A

220-240 V, 50/60 HA, 0.9A

Includes

Ventilation system, paraffin baths, and processing basket

Description	Order Number
STP 120 Spin tissue processor with two wax baths and processing basket	813150
STP 120 Spin tissue processor with three wax baths and two processing baskets	813160
STP 120-1 Spin tissue processor, basic unit without ventilation system	813140

You'll need:



specimen collection



paraffin



five liter reagents



fixation products



dehydrants and clearants



cassettes

Paraffin



Designed to suit all histological applications, including accommodations for rapid infiltration, extra-thin sectioning, and hard/fibrous tissue.

Resealable bags are designed to stand-up for easy storage and to reduce the chance of countertop spillage.

Name	Item number	Unit of measure	Description	Melting Point (°C)	Infiltration	Embedding
Histoplast	6774006	1 x 2.5 Kg (5.5 lbs)	Non-polymer paraffin for use in infiltration and embedding	54-58 °C (131-135 °F)	x	x
Histoplast PE	8330	8 x 1 Kg (2.2 lbs)	Can be used in both infiltration and embedding procedures	56-57 °C	x	x
Histoplast IM	8331	8 x 1 Kg (2.2 lbs)	Utilizes DMSO to help infiltrate larger tissues, making ideal for tissues such as whole kidney	56-57 °C	x	
Histoplast LP	8332	8 x 1 Kg (2.2 lbs)	Lower melting point to help reduce the chance of distortion on small and friable tissue	50-54 °C (122 - 129 °F)	x	x
Paraffin Type 1	8334	10 x .9 Kg (2 lbs)	Low polymer wax designed for the infiltration of tissue	55-57 °C	x	
Paraffin Type 3	8335	10 x .9 Kg (2 lbs)	Low polymer wax designed for the infiltration of tissue	55 - 57 °C (131-135 °F)	x	
Paraffin Type 6	8336	10 x .9 Kg (2 lbs)	Specially formulated wax without polymer but is still stable enough to use in infiltration and embedding	55-57 °C	x	x
Paraffin Type 9	8337	10 x .9 Kg (2 lbs)	High polymer. Ideal for sectioning tissues at 2 microns	55-57 °C (131-135 °F)		x
Paraffin Type H	8338	10 x .9 Kg (2 lbs)	Ideally suited for both infiltration and embedding	55-57 °C (131-135 °F)	x	x
Paraffin Type L	8339	10 x .9 Kg (2 lbs)	Low polymer paraffin for use with small tissue	55-57 °C (131-135 °F)	x	x
Precision Cut	B1002490	10 x 1 Kg (2.2 lbs)	Good for both infiltration and embedding	56-58 °C (133 °F)	x	x

Paraffin Kits

Description	Quantity	Order Number
Paraffin w/drawer kit, Histoplast PE	2 x 2.3 Kg plus waste container	8330K
Paraffin w/drawer kit, Histoplast LP	2 x 2.3 Kg plus waste container	8332K
Paraffin w/drawer kit, Precision Cut	2 x 2.3 Kg plus waste container	B1002409K

Parapel™ Paraffin Repellent

Protect against excess buildup of wax on countertops and instrumentation.

118 mL | 6 / case

Description	Quantity	Order Number
PARAPEL paraffin repellent 118 mL	6	2300

5 Liter Reagents – Syntri Safeguard

The accuracy of patient tests often hinges upon proper preparation and consistency in processes throughout the laboratory. When paired with Syntri Service and reagents featuring Syntri Safeguard RFID technology, the Revos tissue processor tracks and logs reagent usage through the intelligent reagent management system. It remembers every bottle loaded, protocol executed and service performed – helping to reduce downtime and facilitating efficient use of reagents.



Description	Order Number
Syntri Safeguard 10% Neutral Buffered Formalin, 4 x 5 L	5735SS
Syntri Safeguard Pen-Fix, 4 x 5 L	6115SS
Syntri Safeguard Dehydrant 100%, 4 x 5 L	6215SS
Syntri Safeguard Xylene, 4 x 5 L	6615SS
Syntri Safeguard Clear-Rite 3, 4 x 5 L	6915SS
Syntri Safeguard Flex 100, 4 x 5 L	8115SS
Syntri Safeguard Isopropyl Alcohol, 4 x 5 L	9617SS
Syntri Safeguard Formal-Fixx, 4 x 5 L	6764215SS
Syntri Safeguard Xylene Substitute, 4 x 5 L	6764515SS

Syntri Safeguard Pairs With Revos Tissue Processor

When used in conjunction with Syntri Safeguard consumables, the Revos tissue processor has the power to track every last drop of reagent used in the system. Syntri Safeguard technology enables the instrument to sense where the 100% processing alcohol is loaded in the system and prevents incorrect replenishment.

Find out more about the revolutionary Revos tissue processor on [page 26](#).



Not all products available in all regions, consult customer service and / or your sales team.

Epredia Fixation Products



Neutral Buffered Formalin 10%

- Neutral Buffered Formalin (NBF) 10% is a premixed AFIP formulated product that reduces exposure to toxic fumes
- Phosphate buffers are used to stabilize the pH between 6.8 and 7.2
- Stringent quality control ensures a formalin concentration of 10%
- Stable to freezing temperatures
- Concentrate reduces storage space
- One gallon of concentrate to four gallons of distilled or deionized water ensures consistent results with those of the premixed 10% NBF

Description	Size	Qty.	Order Number
Concentrated			
Bottle	1 gal (3.8 L)	4 / case	5700
Pre-Mixed, Ready to Use			
Bottle	1 gal (3.8 L)	4 / case	5701
Bottle	1.32 gal (5 L)	4 / case	5735
Cubitainer	5 gal (18.93 L)	ea.	5705
Cubitainer	2.5 gal (9.48 L)	ea.	5725
Drum	9.5 gal (208 L)	ea.	5755

Formaldehyde 37%

- Formaldehyde 37% is for use in histological applications to fix and store tissue specimens
- Easy-to-pour container minimizes splashing and reduces spills
- Unbuffered

Description	Size	Qty.	Order Number
Bottle	1 gal (3.8 L)	4 / case	9311

Zinc Formalin 10%

- Buffered Zinc Formalin is for use in immunohistochemistry techniques to enhance nuclear detail
- Easy-to-pour bottle helps reduce spills

Description	Size	Qty.	Order Number
Bottle	1 gal (3.8 L)	4 / case	5701ZF
Cubitainer	5 gal (18.9 L)	ea.	5705ZF

Zinc Formalin, Unbuffered 10%

- Unbuffered Zinc Formalin can be used as an alternative for 10% formalin
- Easy-to-pour bottle helps reduce spills and splashing
- Does not contain mercury

Description	Size	Qty.	Order Number
Bottle	1 gal (3.8 L)	4 / case	7600

Signature Series Pen-Fix

- Signature Series™ Pen-Fix™ is a uniquely buffered alcoholic formalin fixative
- Excellent frozen section fixative
- Performs well with fatty or thick tissue sections
- Fixation and dehydration occur simultaneously and the penetration rate is three times faster than that of 10% neutral buffered formalin
- Can be used in all open or enclosed tissue processors and in the grossing room
- Recommended for use in the second and/or third stations of the processor as a secondary fixative

Description	Size	Qty.	Order Number
Bottle	1 gal (3.8 L)	4 / case	6101
Bottle	1.3 gal (5 L)	4 / case	6115
Cubitainer	5 gal (18.9 L)	ea.	6105

Carson's Modified Buffered Formalin

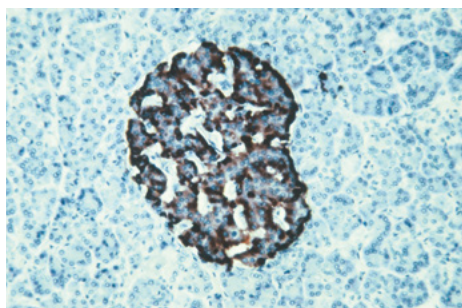
- Carson's Modified Buffered Formalin is an excellent general-use fixative
- Performs similarly to 10% neutral buffered formalin
- Use for electron microscopy specimens

Description	Size	Qty.	Order Number
Cubitainer	5 gal (18.9 L)	ea.	57141

Bouin's Fluid

- Bouin's Fluid is a saturated, aqueous picric acid solution
- Excellent for use in Trichrome staining procedures
- Use to preserve structures with soft and delicate textures and for gastrointestinal tract specimens

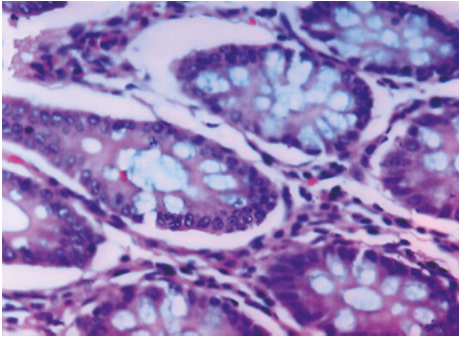
Description	Size	Qty.	Order Number
Bottle	1 gal (3.8 L)	ea.	57211



Glyo-Fixx

- Glyo-Fixx™ is a non-carcinogenic, non-sensitizing, and environmentally friendly substitute for formalin. The active ingredient, glyoxal, is a di-aldehyde, which has almost no vapor and is used with the same protocols as formalin
- Glyo-Fixx allows higher antibody dilutions and works well with conventional special stains including silver procedures, Schmorl's for reducing substances, PAS, Alcian blue, Mucicarmine, Verhoeff for elastin, and Trichrome
- Offers results superior to neutral buffered formalin - produces distinct, crisp cellular morphology
- No unpleasant smell or cross linking as with formaldehyde - fixes most antigens without impairing immuno-reactivity
- Allows special stain dyes to be sharp without background staining
- Presents fine detail in specimen structure

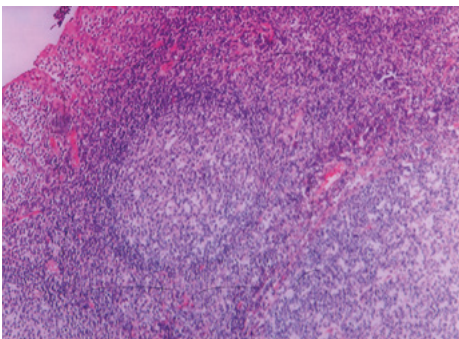
Description	Size	Qty.	Order Number
Concentrated			
Container	3.8 L	ea.	6764265
Pre-Mixed, Ready to Use			
Bottle	1 gal (3.8 L)	ea.	6764262
Cubitainer	19 L	ea.	6764260
Pre-filled containers			
20 mL containers	filled to 10 mL	180 / case	9990920
60 mL containers	filled to 30 mL	125 / case	9990924
90 mL containers	filled to 45 mL	125 / case	9990926
120 mL containers	filled to 60 mL	125 / case	9990928



Formal-Fixx

- Formal-Fixx produces consistent results and extends the life of the rotary valve in tissue processors
- Phosphate-free, 10% neutral buffered formalin
- Stores all specimens without excessive shrinking or hardening
- Use for storage of all tissue – eliminates presorting of EM specimens
- Available pre-filled, ready-to-use, or in economical concentrate - just add water or alcohol
- Concentrate is not affected by freezing, reduces shelf space and is less expensive to ship
- Pre-filled, leak-resistant containers are packed in sturdy trays for courier transport

Description	Size	Qty.	Order Number
Concentrated			
Container	3.8 L (makes 19 L)	ea.	6764254
Container	1 L (makes 5 L)	2 / case	9990244
Pre-Mixed, Ready to Use			
Cubitainer	19 L	ea.	6764240
Cubitainer	10 L	2 / case	9990234
Pre-filled containers			
20 mL containers	filled to 10 mL	180 / case	9990910
60 mL containers	filled to 30 mL	125 / case	9990914
90 mL containers	filled to 45 mL	125 / case	9990916
120 mL containers	filled to 60 mL	125 / case	9990918



Zinc Formal-Fixx

Zinc Formal-Fixx™ is a fixative of choice to enhance H&E's and special stains.

- Excellent for immunochemistry
- Minimizes the need for enzyme digestion
- Reduces protein cross-linking, producing well-defined nuclear detail

Description	Size	Qty.	Order Number
Concentrated			
Container	3.8 L (makes 19 L)	ea.	6764255
Container	1 L (makes 5 L)	2 / case	9990245
Pre-Mixed, Ready to Use			
Cubitainer	19 L	ea.	6764250

Rapid-Fixx Formalin

- Used in Rapid-Chrome Frozen Section Stain Kit (9990001) for fixing slides from frozen sections.

Description	Size	Qty.	Order Number
Bottle	0.26 gal (1 L)	4 / case	6764212

Vytac

- Vytac™ Formalin Disposal System is a simple, safe and economical disposal system for 10% buffered or unbuffered formalin, including zinc formalin
- Eliminates the need for expensive waste hauling and on-site permits
- Solution breaks down formalin into inert components and, when used as directed, neutralizes more than 99% of the waste formalin collected
- If local regulations allow for drain disposal, pH adjustment will be required
- One part Vytac solution neutralizes four parts formalin waste
- Vytac GNF will neutralize glutaraldehyde

Starter Kit includes: Vytac 1 gal / (3.8 L), reservoir with lid, measuring cup and plastic stir rod.

Description	Size	Qty.	Order Number
Starter kit	---	ea.	5402
Vytac GNF	1 gal (3.8 L)	ea.	5408
Vytac ACX	0.26 gal (1 L)	ea.	5409
Vytac	1 gal (3.8 L)	4 / case	5401
Vytac	5 gal (18.9 L)	ea.	5405

Cal-Rite

- Cal-Rite™ is a mixture of formic acid and formaldehyde which allows simultaneous decalcification and fixation
- Reduces poor hematoxylin and eosin staining caused by over-decalcification and/or exposure to harsh mineral acids
- Even after prolonged exposure of specimens in Cal-Rite, nuclear chromatin staining is well preserved and not distorted

Description	Size	Qty.	Order Number
Bottle	1 gal (3.8 L)	ea.	5501
Bottle	2.5 gal (9.5 L)	ea.	5525

Decalcifying Solution

- Decalcifying Solution is formulated to remove calcium from histological specimens. EDTA and dilute hydrochloric acid in this solution require no heat, electricity, or other aids to decalcify bone tissue
- Offers rapid decalcification without destroying nuclear properties of the tissue

Description	Size	Qty.	Order Number
Bottle	32 oz (0.94 L)	6 / case	8340
Cubitainer	1 gal (3.8 L)	4 / case	8340-1



TBD-1 Decalcifier

- TBD-1™ Decalcifier is a rapid hydrochloric decalcifier for processing bone marrow biopsies in as little as 15 to 30 minutes
- Thin pieces of bone process in 3 to 12 hours
- Added ingredients protect cells from actions of acids

Description	Size	Qty.	Order Number
Bottle	0.26 gal (1 L)	2 / case	6764001
Bottle	0.26 gal (1 L)	4 / case	6764002



TBD-2 Decalcifier

- TBD-2™ Decalcifier is a formic acid decalcifier for gentler, longer-term processing
- Added ingredients protect cells from actions of acids

Description	Size	Qty.	Order Number
Bottle	0.26 gal (1 L)	2 / case	6764003
Bottle	0.26 gal (1 L)	4 / case	6764004

Dehydrants



Signature Series Flex 100, 95, 80

- Signature Series™ Flex™ 100, 95 and 80 provides gentle dehydration while demonstrating brilliant cytoplasmic staining
- Formulation of methyl and isopropyl alcohol
- Minimizes over-dehydration in smaller biopsies
- Excellent for lipid extraction, allowing for increased paraffin infiltration
- Excellent dye solvent for special stains

Description	Size	Qty.	Order Number
Flex 100			
Bottle	1 gal (3.8 L)	4 / case	8101
Bottle	1.3 gal (5 L)	4 / case	8115
Metal pail	5 gal (18.9 L)	ea.	8105
Drum	55 gal	ea.	8155
Flex 95			
Bottle	1 gal (3.8 L)	4 / case	8201
Bottle	1.3 gal (5 L)	4 / case	8215
Metal pail	5 gal (18.9 L)	ea.	8205
Flex 80			
Bottle	1 gal (3.8 L)	4 / case	8301R
Bottle	1.3 gal (5 L)	4 / case	8315



Dehydrant 100%, 95%, 80%, 70%

Dehydrant 100%, 95%, 80% and 70% is a denatured ethyl alcohol reagent specifically designed for processing and staining of histological and cytological specimens.

- Blend of ethyl, methyl and isopropyl alcohols
- Can be used as a dye or stain solvent

Description	Size	Qty.	Order Number	Description	Size	Qty.	Order Number
100%	1 gal (3.8 L)	4 / case	6201	80%	1 gal (3.8 L)	4 / case	6401
100%	1.3 gal (5 L)	4 / case	6215	80%	1.3 gal (5 L)	4 / case	6415
100%	55 gal (208 L)	ea.	6255	70%	1 gal (3.8 L)	4 / case	6501
95%	1 gal (3.8 L)	4 / case	6301	70%	1.3 gal (5 L)	4 / case	6515
95%	1.3 gal (5 L)	4 / case	6315				
95%	55 gal (208 L)	ea.	6355				



Signature Series Clear-Rite 3

- Signature Series™ Clear-Rite 3™ is a unique blend of isoparaffinic aliphatic hydrocarbons for tissue processing and staining
- Excellent lipid extraction during tissue processing
- Renders deparaffinization and clearing during the staining process
- Does not produce hard or brittle specimens, even after prolonged exposure
- Use in all tissue processors and automatic stainers
- Benzene-free
- Very low odor

Description	Size	Qty.	Order Number
Bottle	1 gal (3.8 L)	4 / case	6901
Bottle	1.32 gal (5 L)	4 / case	6915
Drum	55 gal (208 L)	ea.	6955

Xylene Substitute

- Xylene Substitute is a safer, more convenient alternative to xylene for processing, staining and coverslipping
- Airborne exposure limit three times safer than xylene (TLV 300ppm)
- Virtually odorless aliphatic hydrocarbon – no citrus aroma
- Not sensitizing to normal skin
- Evaporation rate similar to xylene – slides dry quickly
- Grease-less
- Can be recycled with solvent recyclers

Description	Size	Qty.	Order Number
Bottle	1.06 gal (4 L)	ea.	9990505
Bottle	1.06 gal (4 L)	4 / case	6764506
Bottle	1.3 gal (5 L)	4 / case	6764515
Metal pail	5 gal (18.9 L)	ea.	9990507
Drum	55 gal (208 L)	ea.	9990509

Citrus Clearing Solvent

- Citrus Clearing Solvent is a clearing solvent that is a highly effective xylene substitute
- Use as a direct replacement for xylene in both manual or automated system applications
- D-limonene-based solvent has a slight citrus scent
- Higher flash point eliminates the need for storage in a flammable safety cabinet

Description	Size	Qty.	Order Number
Bottle	1 gal (3.8 L)	4 / case	8301

Xylene

- Xylene is used for all tissue processors and automatic stainers
- Strict quality assurance, including gas chromatography, is performed on each lot to guarantee a consistent product
- Offers superior lipid extraction, optimal paraffin infiltration and excellent deparaffinization and clearing during staining
- Contains the lowest level of benzene, a known carcinogen

Description	Size	Qty.	Order Number
Bottle	1 gal (3.8 L)	4 / case	6601
Bottle	1.32 gal (5 L)	4 / case	6615
Drum	55 gal (208 L)	ea.	6655

Toluene

- Packaged in high-density polyethylene
- Easy-to-pour container can reduce spills when pouring

Description	Size	Qty.	Order Number
Bottle	1 gal (3.8 L)	4 / case	9711
Metal pail	5 gal (18.9 L)	ea.	9715

Histostar Embedding Center



The Histostar™ Embedding Center is designed to enhance user comfort and increase work productivity, allowing for a seamless transition from tissue processing to microtomy.

Cool and Contoured

- All user contact points are smooth and insulated providing a cool and comfortable workspace. The casework has been precision sculpted to avoid pressure points and uncomfortable heated areas
- Cool LED lighting provides specimen illumination at five user-selectable intensities, without the clutter of awkward remote lighting. A low-profile dispense head further enhances specimen visibility

High capacity Throughput

- With its large-capacity tissue storage tank, the HistoStar is capable of accepting baskets from any tissue processor. The five-liter paraffin reservoir is one of the largest basket storage compartments, and along with the large area cold plate, has been designed for maximum productivity in the busiest of laboratories
- Any sample size can be handled with ease. A simple adjustment moves the dispensing paddle to accommodate the samples you are working with. Even Super Mega™ cassettes from EpreDia can be embedded. Two different nozzle lengths allow for adaptation to personal convenience
- Large easy to read touch screen display allows quick access to the precise temperature controls and other parameters. Programmable “sleep” mode saves energy and accommodates user workflow
- Integrated ParaTrimmer™ – excess paraffin can be removed during the embedding process without scraping
- Adjustable cold plate with temperature range from -12 to -3 °C with a tolerance of +/- 1 °C. Holds up to 72 blocks at a time

Physical Specifications

Dimensions:

Embedding module (D x W x H):
26 x 26 x 17 in
(65 x 65 x 43 cm)

Cold module (D x W x H):
26 x 27 x 15 in
(65 x 43 x 38 cm)

Weight:

Embedding module: 55.12 lbs / 25 kg

Cold module: 44.10 lbs / 20 kg

Wax reservoir capacity: 5 L

Temperatures

Wax reservoir: 50-70 °C

Cold spot: 5 °C

Hot spot: 50-70 °C

Tissue storage: 50-70 °C

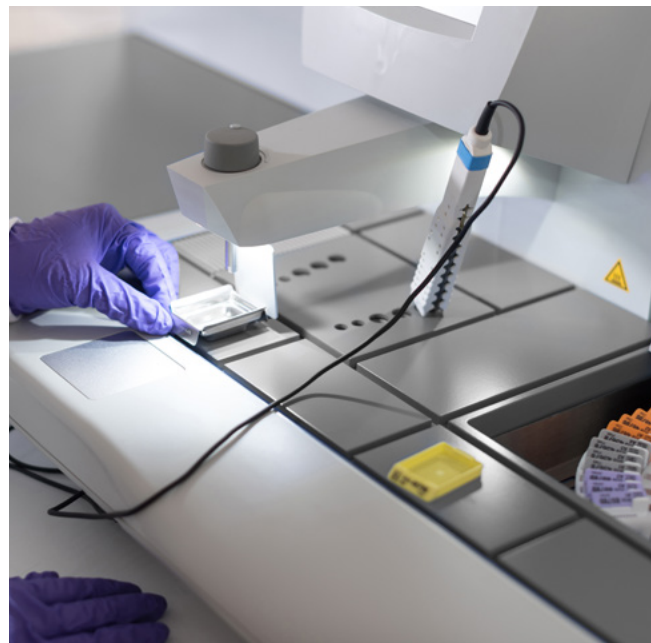
Mold storage: 50-70 °C

Cold plate: Adjustable, -12 to -3 °C
(+/- 1 °C)

Tissue Processing and Embedding

Description	Order Number
HistoStar Instrument (Complete)	
100-120 V, 50/60 Hz	A8100002
220-140 V, 50/60 Hz	A8100001
220 - 240 Vac 50/60Hz (China Only)	A8100003
Embedding Module	
100-240 V, 50/60 Hz	A8100007
220 - 240 Vac 50/60Hz (China Only)	A8100008
HistoStar Cold Module	
100-120 V, 50/60 Hz	A8100005
220-240 V, 50/60 Hz	A8100004
220 - 240Vac 50/60Hz (China Only)	A8100006

Accessories	Order Number
Tamping tools kit, 2 / pk (1 x 20 mm; 1 x 12 mm)	A81010030
Spatula kit, 2 / pk	A81010031
Cassette lid storage cover*	A81010026
Magnifier assembly	A81010032
Foot switch	AP16629
Heated forceps, red, 1 mm tip	A81010033
Heated forceps, yellow, 2 mm tip	A81010034
Heated forceps, blue, 4 mm tip	A81010035
Document holder kit	A81010036

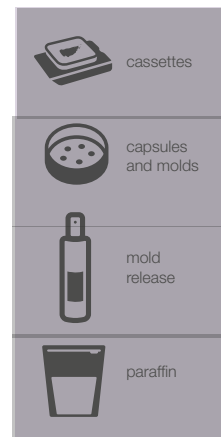


Paraffin

Enhance the use of your Histostar embedding center with a wide variety of Epredia paraffin found on [pages 38-39](#). With dozens of varieties, find the best paraffin for your tissue type to produce the highest quality sections.

*Not an IVD Medical Device and is not intended for diagnostic purposes

You'll need:



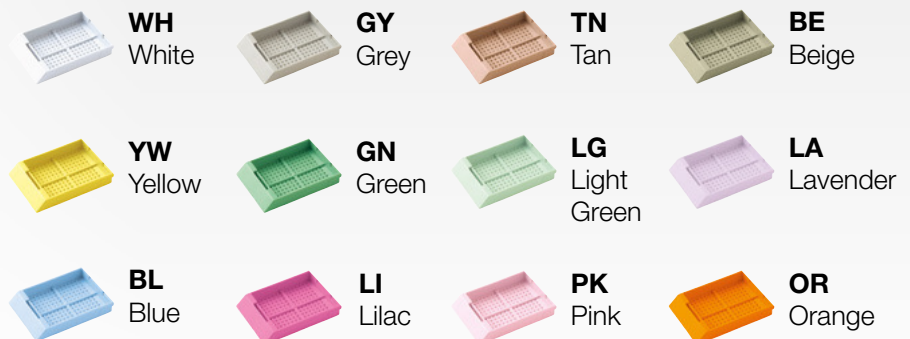
Accessories	Order Number
PrintMate Embedding Cassette	
1,000 cassettes, loose, with no lids – for use with metal lids	B851040
750 cassettes, 10 tubes of 75 cassettes, with no lids – for use with metal lids	B851010
1,000 cassettes, loose, with loose-packed lids	B851070
750 cassettes, 10 tubes of 75 cassettes, with loose-packed lids	B851100
Metal lids for cassettes*	1001003
PrintMate Slotted Cassette	
1,000 cassettes, loose, with loose-packed lids	B851090
750 cassettes, 10 tubes of 75 cassettes, with loose-packed lids	B851120
Thinline Slotted Cassette	
750 cassettes, 10 tubes of 75 cassettes, with color-matched, attached lids	B851736
Slotted Cassette 2	
1,000 cassettes, loose, with loose-packed lids	B851739
750 cassettes, 10 tubes of 75 cassettes, with loose-packed lids	B851729
TissueLoc Cassette (Cassette IV)	
1,000 cassettes, loose, with loose-packed lids	B851954
750 cassettes, 10 tubes of 75 cassettes, with loose-packed lids	B851720

Accessories	Order Number
PrintMate Biopsy Cassette	
1,000 cassettes, loose, with attached lids	B851080
750 cassettes, 10 tubes of 75 cassettes, with loose-packed lids	B851110
Thinline Biopsy Cassette	
750 cassettes, 10 tubes of 75 cassettes, with color-matched, attached lids	B851737
Biopsy Cassette 2	
1,000 cassettes, loose, with loose-packed lids	B851738
750 cassettes, 10 tubes of 75 cassettes, with loose-packed lids	B851730
TissueLoc Biopsy Cassette (Cassette IV)	
1,000 cassettes, loose, with loose-packed lids	B851925
750 cassettes, 10 tubes of 75 cassettes, with loose-packed lids	B851750
HistoScreen Cassette	
1,000 cassettes, loose, with loose-packed lids	B851000
750 cassettes, 10 tubes of 75 cassettes, with loose-packed lids	B851001
Fine Pore Cassette	
1,000 cassettes, loose, with color-matched, attached lids	B851735
750 cassettes, 10 tubes of 75 cassettes, with color-matched, loose-packed lids	B851734

Ordering is easy.

Simply select your cassette and configuration number above, add the two digit color code from below.

Example: Light Green TissueLoc Biopsy Cassette in tubes = B851750LG



Capsules and Molds



Tissue Processing Capsule

Tissue Processing Capsule is constructed of stainless steel.

- Five sturdy lugs grasp the base securely
- Stainless-steel capsule can be partitioned up to four sections
- Partition separators sold separately

Physical Specifications

Dimensions: (O.D. x D): 1.46 x 0.24 in. (37 x 6 mm)



Standard Cassette

Standard Cassette is constructed of stainless steel.

Physical Specifications

Dimensions: (O.D. x D): 1.58 x 0.276 in. (40 x 7 mm)

Expandable to 0.43 in. (11 mm)



Micro-Cassette

Micro-Cassette is constructed entirely of stainless steel.

- Positive clip-on cover for micro specimen
- Available with fine or coarse mesh

Physical Specifications

Dimensions: (O.D. x D): 0.79 x 0.197 in. (20 x 5 mm)



Large Cassette

Large Cassette is constructed of stainless steel.

- Flexible snap cover is easily attached and removed

Physical Specifications

Dimensions (D x W x L): 0.47 x 0.98 x 1.97 in. (12 x 25 x 50 mm)

Disposable Base Molds and Embedding Rings

Disposable Base Molds and Embedding Rings are designed for use with all standard-size cassettes and embedding rings.

- Molded from rigid plastic, the block design provides greater base support and a smaller cutting surface
- Cleaning associated with metal molds is not required
- Transparency facilitates tissue orientation



Stainless Steel Base Molds

- High-quality, durable molds
- Sizes fit most cassettes
- Superior thermal exchange
- Rounded corners

Super Mega Stainless Steel Base Molds

- High-quality, durable molds
- Fits cassettes
- Superior thermal exchange
- Rounded corners



Peel-A-Way™ Disposable Embedding Molds

Made of rigid, transparent plastic, these molds promote rapid paraffin hardening.



Base Mold Release

Release sprays are used to coat base molds for easy separation of paraffin from mold.

- Help reduce paraffin buildup on the molds
- Environmentally safe product is ready-to-use
- Non-aerosol pump spray bottle

4 oz. (118 mL) | 12 / case

Description	Qty.	Order Number
Standard Cassette		
Standard cassette*	ea.	339
Micro-Cassette		
Fine mesh	ea.	33124
Large Cassette		
Large cassette*	ea.	349
Disposable Base Molds and Embedding Rings		
Base mold, 7 x 7 mm	125 / box, 4 box / case	58949
Base mold, 15 x 15 mm	125 / box, 4 box / case	58950
Base mold, 24 x 24 mm	125 / box, 4 box / case	58951
Base mold, 30 x 24 mm	125 / box, 4 box / case	58952
Base mold, 37 x 24 mm	125 / box, 4 box / case	58953
Embedding ring, white*	250 / box, 4 box / case	58993

Description	Qty.	Order Number
Stainless Steel Base Molds		
10 x 10 x 5 mm	10 / pk.	6401015
24 x 24 x 5 mm	10 / pk.	6401017
30 x 24 x 9 mm	10 / pk.	6401017
37 x 24 x 9 mm	10 / pk.	6401018
Peel-A-Way Disposable Embedding Molds		
12 x 12 x 20 mm	288 / case	1220
22 x 22 x 20 mm	288 / case	2219
30 x 22 x 20 mm	288 / case	1830
40 x 22 x 20 mm	288 / case	1841

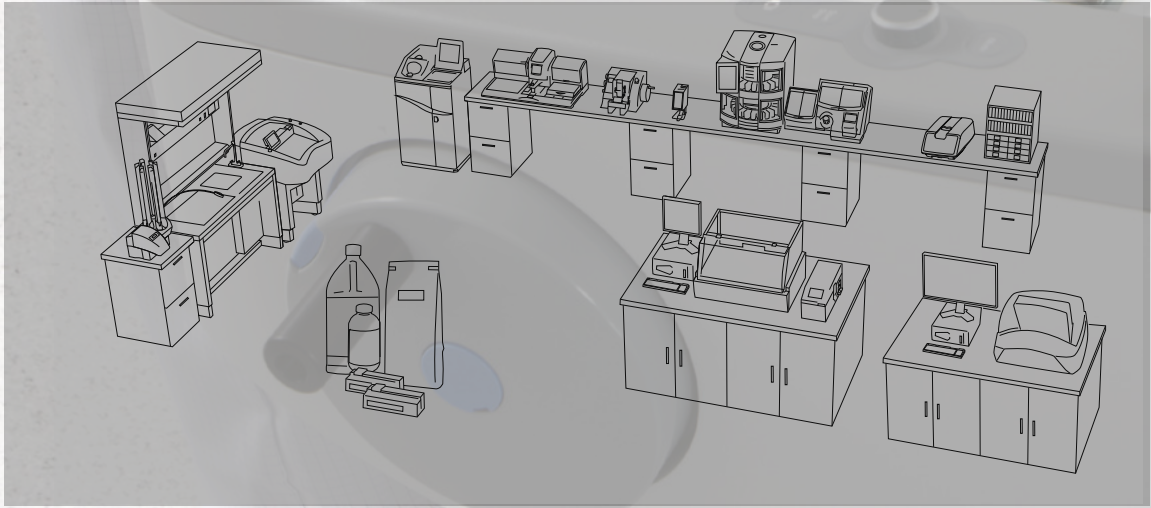
Description	Qty.	Order Number
Base Mold Release	12 / case	6600
Parapel paraffin repellent 118 mL (4oz)	6 / case	2300

*Not available for purchase in EMEA



Cryotomy

built for
speed



Experience speed, accuracy, and safety

When it comes to urgent biopsies, getting accurate results to the operating room as quickly as possible is essential in maintaining excellent patient care. Cryostats from EpreDia, along with blades, marking dyes, and other consumables, are designed to get the job done.

Speed

- Ability to save and repeat preferences, such as section thickness and temperature, to reduce waiting time for rush biopsies
- Each model features an integrated quick-freeze Peltier device that freezes tissue rapidly for quicker, smoother cutting, helping you get to a diagnosis faster

Accuracy

- Manual and motorized (NX70 only) sectioning options allow for precise control and premium quality sections
- Intuitive touch screen software designed for ease of use, helping to minimize the risk for error

Safety

- Optional disinfection features
- Ergonomic band and integrated arm rest controls (NX70 and NX50 only)
- Height adjustable from a sitting or standing position for added user comfort (NX70 and NX50 only)

The Total Solution

- EpreDia blades designed to cut thin, wrinkle-free sections for analysis
- Line of tissue marking dyes specifically formulated for use with frozen sections
- Get peace of mind with EpreDia extended service contracts that include preventative maintenance and thorough, expedited repairs, ensuring minimal downtime in your laboratory



Cryostat Range and Selection Guide

With three different cryostat options for your lab, that you can find the perfect fit.

Designed to fulfill the needs of both research and clinical laboratories, the CryoStar™ NX70 cryostat introduces a form-fitting design, integrated height control and motorized sectioning. Freeze and section tissue samples more efficiently with improved stability and individually controlled temperature settings on both the object specimen holder and blade carrier.

Get optimal sectioning quality paired with ergonomics and safety with the Cryostar NX50 cryostat. The NX50 cryostat is designed to accommodate the needs of your routine clinical laboratory. This manual cryostat offers a form-fitting design with optional height adjustment, cold disinfection, and Vacutome, allowing users to customize their sectioning experience.

Deliver high-quality results comfortably and efficiently with the HM525 NX cryostat, a high-performance routine cryostat with intuitive software and touch screen for simple, efficient operation. The HM525 NX cryostat offers reliability, advanced ergonomics and an intuitive interface.



Cryostar NX70 Cryostat



Cryostar NX50 Cryostat



HM525 NX Cryostat

Cryostat features	CryoStar NX70 Cryostat	CryoStar NX50 Cryostat	HM525 NX Cryostat
Cold disinfection	Optional	Optional	
UV disinfection			Optional
Encapsulated microtome	✓	✓	
Chamber temperature < -25 °C	✓	✓	✓
Fast-freeze temperature	-60 °C	-57 °C	-55 °C
Fast-freeze cooling mechanism	Peltier	Peltier	Peltier
Automatic and immediate defrost	✓	✓	✓
Active blade cooling	✓	✓	
Adjustable blade temperature	✓		
Specimen head temperature control	✓	✓	
Vacutome	Optional	Optional	
Specimen trimming	✓	✓	✓
Specimen retraction	20 µm	20 µm	20 µm
Section thickness range	0.5 - 500 µm	0.5 - 500 µm	1 - 500 µm
Motorized coarse advance	✓	✓	✓
Motorized cutting	✓		
Cryobar cooling / (fast-freeze) stations	18 (1)	18 (1)	27 (4)
Touch screen	✓	✓	✓
Height adjustable chamber	✓	Optional	

Complete Solutions to Enhance Frozen Sectioning

Cryostat Consumables

Epredia offers a complete line of consumables to enhance the use of your Epredia cryostat. Epredia offers blades that are crafted using a proprietary steel hardening technology that delivers increased longevity. Our staining kits and mountants are created specifically for use with frozen tissue sections, allowing your laboratory to quickly produce high-quality slides from tissue samples that are ready for analysis.

Cryostat Service

Your laboratory is a busy place that performs many important tasks. Yearly preventative maintenance gives you peace of mind that your instrument is performing to the the best of its abilities. Our extended service contracts keep you up and running. Have confidence that if your lab needs service or repair, your instrument repairs will be expedited, ensuring minimal downtime in your laboratory.



Cryostar NX70 Cryostat

Designed to fulfill the needs of both research and clinical laboratories, the CryoStar NX70 cryostat introduces a form-fitting design, integrated height control and motorized sectioning. Go quickly from mounting tissue to ready-to-cut with quick-freeze and setup features. Section tissue samples more efficiently with improved stability and individually controlled temperature settings on both the object holder and blade carrier.

First-Rate Sectioning for the Precision You Demand

- Independent cooling of blade holder and specimen head keeps cutting area at set temperatures, even during periods of high use
- Novel knife carrier feed enhances sectioning stability and quality
- Rapid-response temperature control provides active cooling of the specimen head, blade holder, and cryobar while maintaining consistent specimen temperature
- Dedicated low- and high-profile blade holders and separate knife carrier improve stability

Safe, Comfortable, and In Control

- Large, open chamber with bright LED illumination offers an optimized workspace for operators, featuring eighteen tissue stations and one fast-freeze Peltier for quick, efficient sample preparation
- Optional Cold D system provides a supplementary cleaning process that significantly reduces the risk of microbial infection in under 60 minutes while the cryostat is still cold
- Light-touch handwheel requires minimal force to operate, limiting repetitive motion discomfort. Motorized cutting helps reduce user fatigue and avoid repetitive motion injury
- Body-contoured design positions the user closer to the chamber to maintain comfortable posture and aids in reducing back and neck strain often associated with frozen sectioning
- Integrated height adjustment (32-44 in. / 82-112 cm), supporting both standing and seated operation with the touch of a button

Enhanced User-Experience

- Optional Vacutome feature aids in generating wrinkle-free sections and can also be used to remove waste from chamber
- Integrated joystick control and color LCD touchscreen allow for quick, precise adjustments, easy operation for end users, and training for additional users
- Programmable and immediate defrost options

Physical Specifications

Dimensions (D x W x H):
39.4 x 29.7 x 32.3-44.0 in.
(100 x 75.5 x 82-112 cm)
(adjustable)

Weight: 440 lbs / 200 kg

Power requirements:
100 V, 50/60 Hz, 10A
100-120 V, 60 Hz, 10A
220-230 V, 50/60 Hz, 5A

Base Model Includes

Five specimen stages (4 x 30 mm,
1 x 40 mm), anti-roll plate, section
waste tray, brush shelf, debris
brush, sectioning brush, blade
handling tool, and operator guide

Description	Configuration	Order Number
NX70, 110 V (unit only)	HOMP	957000
NX70, 220-240 V (unit only)	HOMP	957040
NX70, 110 V (unit only)	HOMPD	957010
NX70, 220-240 V (unit only)	HOMPD	957050
NX70, 110 V (unit only)	HOMPV	957020
NX70, 220-240 V (unit only)	HOMPV	957060
NX70, 110 V (unit only)	HOMPDV	957030
NX70, 220-240 V (unit only)	HOMPDV	957070

Please note that instrument order numbers are for the unit only. To purchase a blade holder (low- or high-profile, or steel knife), please see the blade holder section for respective order numbers.

Configuration Descriptions

H - Height Adjustment

O - Object Cooling

M - Motorized

P - Peltier

D - Cold Disinfection

V - Vacutome

Features:

- Adjustable cutting speed from 0 mm/s to 256 mm/s
- Section thickness from 0.5 μm to 500 μm
- Vertical stroke length of 64 mm
- 48 mm horizontal feed range
- 20 μm specimen retraction on return stroke, with optical indication

Order Eprexia stainless steel blades, designed for cleanly cutting high-quality frozen sections in your cryostat from Eprexia.

You'll need:

 blades & blade holders

 specimen stages

 staining kits

 embedding media



Cryostar NX50 Cryostat

Get optimal sectioning quality paired with enhanced ergonomics and safety with the Cryostar NX50. The NX50 is designed to accommodate the needs of your routine clinical laboratory. This manual cryostat offers a form-fitting design with optional height adjustment, cold disinfection, and Vacutome, allowing users to customize their sectioning experience.

Precise Sectioning

- Active cooling of the specimen head, blade holder, and cryobar maintains consistent specimen temperature
- Reach the ideal temperature for each sample type in just minutes with rapid temperature control
- Precise stepping-motor blade advance for minimal vibration when sectioning
- Microtome design creates a stable sectioning platform for increased precision
- Precise sectioning delivers consistent sections of uniform thickness
- Optional Vacutome feature aids in generating wrinkle-free sections and can also be used to remove waste from the chamber

Ergonomics and Comfort

- Body-contoured design positions the user closer to the chamber, maintaining comfortable posture
- Large, open work chamber with adjustable LED lighting for enhanced visibility
- Light-touch handwheel requires minimal force to operate
- Optional height adjustment can position the chamber height from 32 to 44 in. (82-112 cm), supporting both standing and seated operation, with the touch of a button
- Touch screen operation with intuitive software to accommodate multiple users

Operator Safety

- Optional Cold D system provides a supplementary cleaning process that significantly reduces the risk of microbial infection in under 60 minutes while the cryostat is still cold
- Manual handwheel lock secures the position of the specimen head
- Magnetic blade-transfer tool supports safe removal of the blade from the holder

Physical Specifications

Dimensions (D x W x H):
39.4 x 29.7 x 32.3-44.0 in.
(100 x 75.5 x 82-112 cm)
(adjustable)

39.4 x 29.7 x 36.6 in.
(100 x 75.5 x 93 cm)
(fixed height model)

Weight: 440 lbs / 200 kg

Power requirements:
100 V, 50/60 Hz, 10A
110-120 V, 60 Hz, 10A
220-240 V, 50/60 Hz, 5A

Includes

Five specimen stages (4 x 30 mm, 1 x 40 mm), anti-roll plate, section waste tray, brush shelf, debris brush, sectioning brush, blade handling tool, and operator guide

Description	Configuration	Order Number
NX50,100-120 V (unit only)	OP	957250
NX50, 230 V (unit only)	OP	957220
NX50,100-120 V (unit only)	OPD	957100
NX50, 230 V (unit only)	OPD	957140
NX50,100-120 V (unit only)	OPV	957270
NX50, 230 V (unit only)	OPV	957200
NX50,100-120 V (unit only)	OPH	957260
NX50, 230 V (unit only)	OPH	957210
NX50,100-120 V (unit only)	OPHD	957110
NX50, 230 V (unit only)	OPHD	957150
NX50,100-120 V (unit only)	OPVD	957120
NX50, 230 V (unit only)	OPVD	957160
NX50,100-120 V (unit only)	OPHV	957230
NX50, 230 V (unit only)	OPHV	957170
NX50,100-120 V (unit only)	OPHVD	957130
NX50, 230 V (unit only)	OPHVD	957240

Please note that instrument order numbers are for the unit only. To purchase a blade holder (low- or high-profile, or steel knife), please see the blade holder section for respective order numbers.

Configuration Descriptions

O - Object Cooling

P - Peltier

H - Height Adjustment

V - Vacutome

D - Cold Disinfection

Features:

- Section thickness from 0.5 μm to 500 μm
- Vertical stroke length of 64 mm
- 48 mm horizontal feed range

Epredia extended service packages offer prompt technical support and national coverage for service or repair, ensuring your instrument will be back up and running as quickly as possible.

You'll need:

 blades & blade holders

 specimen stages

 staining kits

 embedding media



HM525 NX Cryostat

Deliver high-quality results comfortably and efficiently with the HM525 NX cryostat, a high-performance routine cryostat with intuitive software and touchscreen for simple, efficient operation. The HM525 NX cryostat offers reliability, advanced ergonomics and an intuitive interface.

Exceptional Sectioning

- Reliable stepping motor technology delivers reproducible section thickness
- Adjustable chamber temperature control accommodates a wide range of specimens
- Automatic specimen retraction on return stroke protects specimen and reduces carryover artifacts
- Cryochamber features 27 cooled specimen positions, including four fast-freeze stations to keep up with heavy workloads

Operator Safety

- Mechanical handwheel lock immobilizes the specimen head
- Optional, on-demand UV disinfection protects against surface contamination and occupational exposure to biological pathogens
- Stainless steel chamber and smooth surfaces allows efficient cleaning of the chamber

User-Friendly and Ergonomic

- Icon-driven interface supports intuitive operation of the cryostat
- Allows rapid selection and adjustment of functions for efficient operation
- Specimen fast-freeze function and chamber brightness can be accessed from the menu
- Light-touch handwheel requires minimal force to operate, increasing comfort
- Additional knee space to support comfortable seated operation
- Body-contoured arm rests improve posture and comfort during periods of prolonged use
- Large, flat top to keep accessories and consumables readily available

Physical Specifications

Dimensions (D x W x H):
29.9 x 25.2 x 45.3 in.
(75.9 x 64 x 115 cm) (w/o handwheel)

Weight: 315 lbs / 143 kg

Power requirements:
100 V, 50 Hz, 12A
100 V, 60 Hz, 12A
115 V, 60 Hz, 12A
220/230 V, 50 Hz, 6A
220 V, 60 Hz, 6A
240 V, 50 Hz, 6A

Includes

Six specimen stages (30 mm), freezing medium (118 mL), cryostat oil (118 mL), section waste tray, debris brush, sectioning brush, tools and operator guide.

Description	Order Number
HM525 NX (unit only)	
HM 525 NX, 115 V (unit only)	956640
HM 525 NX, 220-230 V (unit only)	956650
HM525 NX with UV disinfection (unit only)	
HM525 NX with UV disinfection, 115 V (unit only)	956641
HM525 NX with UV disinfection, 220-230 V (unit only)	956651

Features:

- Chamber cooling to -35 °C
- Integrated peltier fast-freezing device rapidly cools to -55 °C
- Section thickness from 1 µm to 500 µm
- Vertical stroke length of 64 mm
- 28 mm horizontal feed range
- 20 µm specimen retraction on return stroke
- X/Y specimen orientation with 360° Z-axis rotation

You'll need:
 blades & blade holders

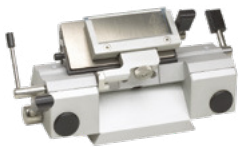
 specimen stages

 staining kits

 embedding media

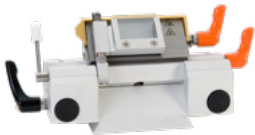
Cryostat Blade Holders

Description	Order Number	CryoStar NX70	CryoStar NX50	HM525 NX
Blade holders for disposable blades				
EC70 blade holder	705630			✓
EC blade holder	705470			✓
Low-profile blade holder	705840	✓	✓	
High-profile blade holder	705940	✓	✓	
Knife carriers for solid knives				
Standard	705460			✓
Standard knife carrier	705950	✓	✓	



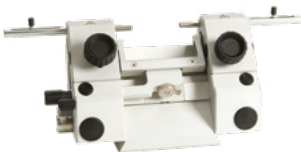
EC70 Disposable Blade Holder for HM525 NX

- Suitable for high- and low-profile disposable blades, with clearance angle adjustment
- Precision dovetail guide and quick clamping mechanism allows for easy movement
- Includes anti-roll guide and two glass anti-roll plates (69.5 mm)



EC Disposable Blade Holder for HM525 NX

- Suitable for high- and low-profile disposable blades, with clearance angle adjustment
- Precision dovetail guide and quick clamping mechanism allows for easy movement
- Includes anti-roll guide and two glass anti-roll plates (39.5 mm)



Standard Blade Holder for HM525 NX

- For use with standard solid knives
- Clearance angle adjustment and removable clamping jaws
- Precision dovetail guide and quick clamping mechanism allows for easy movement
- Includes anti-roll guide and two glass anti-roll plates (69.5mm)

Disposable Blades for Cryostats

Low-Profile Blades



MX35 Ultra™ Low-Profile Blade

Blades feature a proprietary steel hardening technology (Pink Technology) that delivers unbeatable longevity, making them excellent for cutting frozen sections.

3053835 | Blade angle: 34° | 50 / pack



MX35 Premier +™ Low-Profile Blade

Blades are designed to be extra sharp with an extended cutting life. Excellent for hard tissues.

3052835 | Blade angle: 34° | 50 / pack



MX35 Premier™ Low-Profile Blade

Blades are designed for routine histology and are good for a variety of tissue types, including hard tissue.

3051835 | Blade angle: 34° | 50 / pack



MB35™ Premier Low-Profile Blade

Blades are best for routine applications and have consistent edge sharpness for high-quality thin sections. Feature superior edge stability.

3050835 | Blade angle: 34° | 50 / pack



MB22 Premier™ Low-Profile Blade

Blade is designed with a steeper angle that allows users to cut thinner sections.

3050822 | Blade angle: 22° | 50 / pack

High-Profile Blades



HP35 Ultra™ High-Profile Blade

Blades designed for use with cryostats. Proprietary steel hardening technology (Pink Technology) delivers increased longevity.

3153735 | Blade angle: 34° | 50 / pack

Blade Type	Low-Profile Blades					High-Profile Blades
	MX35 Ultra	MX35 Premier +	MX35 Premier	MB35 Premier	MB22 Premier	HP35 Ultra
Description						
Order number	3053835	3052835	3051835	3050835	3050822	3153735
Edge angle	34°	34°	34°	34°	22°	34°
Cryostat compatibility	Best	Good	Good	Good	Best	Best



Edge-Rite™ Disposable Microtome Blades

Made of surgical-grade steel, low- and high-profile blades are specially coated to increase longevity and optimize section quality.

- Low-profile blades are 20% thicker than traditional blades to increase knife edge stability, which facilitates usage in cryostats
- Low-profile blades are 5% longer, allowing for more sections per blade

Low-Profile (4280L) | High-Profile (4275H) | 50 / pack



Premium Disposable Microtome Blades

Epredia premium high-profile disposable blades are available in non-coated and PTFE-coated styles.

Premium High-Profile with no coating (1001259) | 50 / pack

Premium High Profile with PTFE-coating (1001593) | 50 / pack

Specimen Stages

Description	Order Number	CryoStar NX70	CryoStar NX50	HM525 NX
Specimen Stages				
20 mm specimen stage	715700			✓
30 mm specimen stage (color coded)	715220			✓
30 mm specimen stage	715710			✓
30 mm specimen stage	715600	✓	✓	
30 mm specimen stage; red	715870	✓	✓	
30 mm specimen stage; green	715880	✓	✓	
30 mm specimen stage; blue	715890	✓	✓	
30 mm specimen stage; gold	715900	✓	✓	
40 mm specimen stage	715720			✓
40 mm specimen stage	715610			✓
60 mm specimen stage	715620	✓	✓	
50 x 50 mm specimen stage	715730	✓	✓	
55 x 55 mm specimen stage	715740			✓
60 x 55 mm specimen stage	715750			✓
Cryo-Molds				
Cryo-mold, 10 mm	570400			✓
Cryo-mold, 15 mm	570380			✓
Cryo-mold, 22 mm	570390	✓	✓	✓
		✓	✓	✓
		✓	✓	✓



Staining Kits



Frozen Section Staining Kit (145)

Ideal for laboratories that process frozen sections. Works well for staining tissue mounted on coverglass.

- Sturdy cover with piano hinge seals beakers to minimize evaporation
- Rubber feet on rack protect table surface
- Glass beakers have a capacity of 200 mL and are 10 cm tall
- Slide holder will hold ten 76 x 25 mm slides
- Stainless steel rack measures 21.6 x 48.3 x 22.6 cm
- Kit includes twelve beakers, a stainless steel slide holder, and a heavy-gauge stainless steel support rack with six round openings to hold beakers

The Frozen Section Staining Kit is not approved for IVD use.

Embedding Media



Cryomatrix™ Embedding Medium

Outstanding embedding medium used to support tissue for frozen sectioning.

- Forms a firm bond with the specimen holder that secures and supports tissue
- Removed during staining
- Freezes quickly, sections smoothly, and dissolves in water without residue

120 mL | 4 / pack



M-1 Embedding Matrix

Water-soluble, clear embedding medium.

- Particularly effective on specimens with high water content such as eyes and CNS
- Optimum sectioning temperature of -12 °C to -13 °C

180 mL | 1 each



Cryochrome

- Outstanding embedding matrix used to support tissue for frozen sectioning
- Easy tracking and identification with multiple color options
- Formulated with physical characteristics identical to EpreDia™ Cryomatrix™ embedding medium



Neg-50 Frozen Section Medium

- Water-soluble frozen section medium that yields high-quality sections down to -50 °C without chatter
- Leaves no residue after staining
- Easy tracking and identification with varying colored matrix

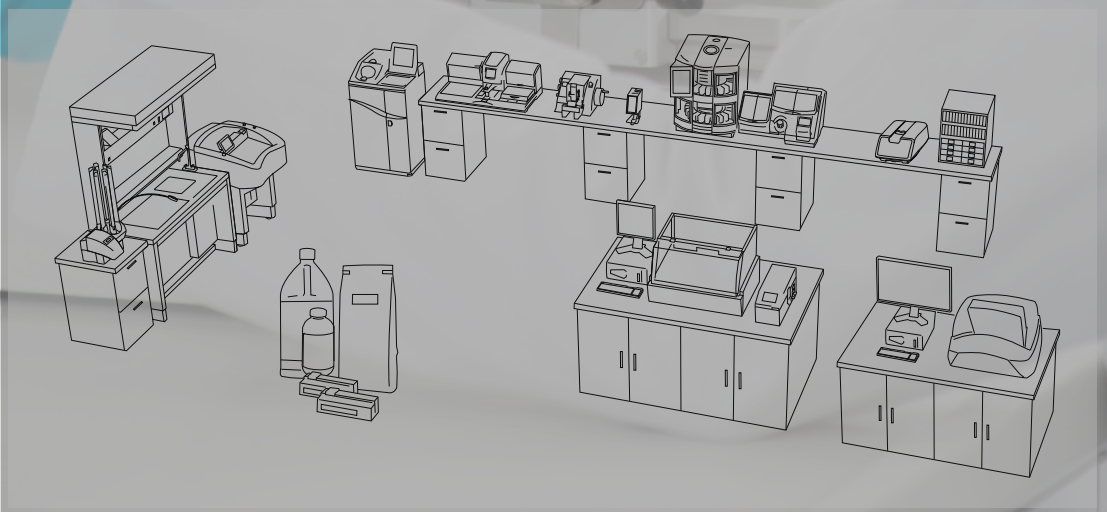
Description	Quantity	Order Number
Cryomatrix Embedding medium (120 mL)	4 / pack	6769006
M-1 Embedding Matrix (180 mL)	ea.	1310

Description	Quantity	Order Number
Cryochrome blue, 120mL	4 / pack	9990422
Cryochrome yellow, 120 mL	4 / pack	9990423
Cryochrome green, 120 mL	4 / pack	9990428
Cryochrome pink, 120 mL	4 / pack	9990429
Cryochrome sampler (one of each color), 120 mL	4 / pack	9990426

Description	Quantity	Order Number
Colorless Neg-50, 4 oz (118 mL)	2 / case	6502
Blue Neg-50, 4 oz (118 mL)	2 / case	6502B
Green Neg-50, 4 oz (118 mL)	2 / case	6502G
Orange Neg-50, 4 oz (118 mL)	2 / case	6502O
Pink Neg-50, 4 oz (118 mL)	2 / case	6502P
Yellow Neg-50, 4 oz (118 mL)	2 / case	6502Y
Colorless Neg-50 4 oz (118 mL)	6 / case	6506
Neg-50 sampler (one of each color) (118 mL)	6 / case	6506M

Microtomy

superior
sectioning
results



Section safely with excellent quality

Microtomes from EpreDia are designed to be precise and stable, helping to yield superior sectioning results for even the most difficult-to-cut paraffin sections.

Designed with the end user in mind

- With both automatic and manual options available, we have the right fit for you, your lab, and your paraffin sections

Specificity in action

- User-friendly control panels facilitate flexibility
- Fully-adjustable to ensure the correct thickness

Non-tiring comfort

- Ergonomic designs with integrated waste trays to save you time and energy
- Emergency stop features to keep you safe (HM355S only)

The Total Solution

- Wide variety of steel low- and high-profile blades for cutting various tissue types
- Cool-Cut and Section Transfer System™ assist in placing cooled, wrinkle-free sections on glass microscope slides
- Glass microscope slides ensure high levels of transparency to aid in accurate diagnosis
- Get peace of mind with EpreDia service contracts that include preventative maintenance and thorough, expedited repairs, ensuring minimal downtime in your laboratory



Microtome Range and Selection Guide

Epredia					
Microtome Features	HM 355S	HM 340E	HM 325	HM 450	HM 430
Rotary	✓	✓	✓		
Sliding				✓	✓
Cross-roller bearing vertical guide-ways	✓	✓	✓		
Specimen trimming	✓	✓	✓	✓	
Selectable specimen retraction	✓	✓	✓	✓	
Detachable operation panel	✓	✓			
Manual coarse advance			✓		✓
Electronic coarse advance	✓	✓		✓	
Stepping motor technology	✓	✓		✓	
Section thickness	0.5-100 µm	0.5-100 µm	0.5-60 µm	0.5-100 µm	0.5-60 µm
Trim thickness	5-500 µm	5-500 mm		5-500 µm	
Electronic sectioning	✓				
Handwheel locks in any position	✓	✓	✓		
Integrated waste tray	✓	✓	✓	✓	✓
"Rocking" mode	✓		✓		
Macro / SupaMega capability	✓	✓	✓	✓	✓
Compatible with Cool-Cut	✓	✓	✓		
Compatible with Epredia™ Section Transfer System (STS™)	✓	✓	✓		
Resin cutting capability	✓				

Microtome Total Care

Microtome Consumables and Accessories

Epredia microtomy consumables are created specifically for use with your Epredia automatic or manual microtome. Blades are designed to section many different tissue types from soft tissue to biopsies and re-cuts. The Cool-Cut and Section Transfer System aid in transferring thin and fragile tissue sections to our wide variety of glass microscope slides, protecting precious tissue samples.

Microtome Service

Your laboratory is a busy place that performs many important tasks – extended service contracts keep you up and running. Yearly preventative maintenance gives you peace of mind that your instrument is performing to the the best of its abilities. Have confidence that if your microtome from Epredia needs service or repair, your instrument repairs will be expedited, ensuring minimal downtime in your laboratory.



Rotary Microtome HM 355S

Reproducible Quality

- X/Y fine orientation with reproducible zero positioning
- Memory function for specimen positioning
- Control panel featuring multi-function keypad and knobs allows for easy selection of section thickness, sectioning mode, speed control, memory function, and menu options.

Operator Safety

- Safe, ergonomic, and intuitive fully automated rotary microtome
- Motorized sectioning can be operated via speed/start-stop knob, start-stop button, or optional foot pedal
- Prevention of accidental start by double-click operation and automatic brake following motorized action
- Ergonomic, removable control panel can be located on either side of the microtome
- Easily accessible emergency stop button

Added Convenience

- Easily switch between thickness settings for trim and section/fine
- Rocking mode allows the handwheel to be “rocked” into a forward position allowing advancement of the specimen without a complete rotation of the handwheel
- Four motorized modes of operation (single section, interval, multi-section, and continuous)
- Large, removable section waste tray covers the entire working area

Physical Specifications

Dimensions (D x W x H):
20.5 x 16.1 x 11 in.
(52 x 41 x 28 cm)

Weight: 68.3 lbs / 31 kg

Horizontal feed range: 28 mm
Cutting stroke: 72 mm
Sectioning speed: 0-450 mm/s
Section thickness range: 0.5-100 µm
Trim thickness range: 5-500 mm
Retraction: 40 µm

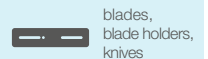
Power requirements:
100-240 V, 50/60 Hz, 1.6A

Includes

Standard tools, brushed aluminum cover plate, dust cover, instruction manual

Description	Order Number
HM 355S unit only	905200
With Universal Cassette Clamp and E blade holder	905200A
With Universal Cassette Clamp and ER blade holder	905200ER

You'll need:





Rotary Microtome HM 340E

Stability and Speedy Preparation

- Highly stable blade holder platform yields high-quality ribbons, even for difficult to cut paraffin sections
- Ergonomic removable control panel can be located on either side of the microtome
- Control panel featuring multi-function keypad and knobs allows for easy selection of section thickness, sectioning mode, speed control, memory function, and menu options.
- Easily switch between thickness settings for trim and fine sectioning
- Memory function for section positioning
- X/Y fine orientation with reproducible zero positioning
- Rocking mode allows the handwheel to be “rocked” into a forward position allowing advancement of the specimen without a complete rotation of the handwheel
- Motorized specimen advance
- Specimen retraction (can be deactivated)
- Longest stroke length available (72 mm) allows high-quality sections of Macro / cassettes
- Large, removable section waste tray covers the entire working area

Physical Specifications

Dimensions (D x W x H):
20.5 x 16.1 x 11 in.
(52 x 41 x 28 cm)

Weight: 61.7 lbs / 28 kg

Horizontal feed range: 28 mm
Section thickness range: 0.5-100 µm
Trim thickness range: 5-500 mm
Retraction: 40 µm

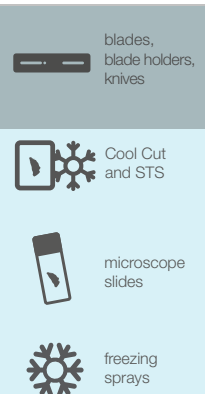
Power requirements:
100-240 V, 50/60 Hz

Includes

Standard tools, brushed aluminum cover plate, dust cover, and operator guide

Description	Order Number
HM 340E unit only	905190
With Universal Cassette Clamp and E blade holder	905190A
With Universal Cassette Clamp and ER blade carrier	905190ER

You'll need:





Rotary Microtome HM 325

Trusted Performance, Added Efficiencies

- High stability and precision for premium-quality paraffin sections
- Unique section thickness setting with removable knobs allowing operation with both the right and left hands
- Resettable electronic section counter
- Two quick-trim stages (10 μm and 30 μm) independent from the preset fine section thickness
- X/Y fine orientation with reproducible zero positioning
- Manual coarse feed wheel
- Specimen retraction (can be deactivated)
- Long stroke length (64 mm) allows high quality sections of Macro / cassettes
- Large, removable section waste tray covers the entire working area

Physical Specifications

Dimensions (D x W x H):
19 x 16.5 x 11 in.
(49 x 42 x 28 cm)

Weight: 51 lbs / 23 kg

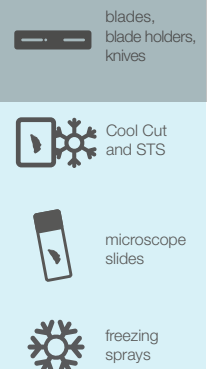
Horizontal feed range: 28 mm
Section thickness range: 0.5-60 μm
Mechanical trim stages: 10/30 μm
Retraction: 60 μm

Includes

Standard tools, brushed aluminum cover plate, dust cover, and operator guide

Description	Order Number
HM 325 unit only	902100
With Universal Cassette Clamp and E blade holder	902100A
With Universal Cassette Clamp and ER blade carrier	902100ER

You'll need:





Sliding Microtome HM 450

Outcome Driven

- Selectable specimen retraction
- Motorized coarse feed with three different speed settings
- Automatic or manual specimen advance during sectioning can be selected depending upon user preference
- X/Y fine orientation with reproducible zero positioning

Ease-of-Use

- Integrated knife holder glides along a maintenance-free, precision, cross-roller bearing system ensuring fast, comfortable operation
- Ergonomic handle for moving knife holder
- User-friendly control panel allows for easy setting of sectioning parameters
- Incorporates stepping motor technology to ensure precise, accurate specimen advancement
- Trimming function allows for precision block trimming prior to the sectioning function
- Display shows feed (section) / trim thicknesses, feed mode and retraction status, as well as choice of section counter, step sum, or remaining travel.
- Integrated, removable waste tray
- Knife holder with integrated, movable knife guard
- Inserts available for the use of low-and high-profile disposable blades

Physical Specifications

Dimensions (D x W x H):
18.1 x 14.6 x 12.6 in.
(46 x 37 x 32 cm)

Weight: 50.7 lbs / 23 kg

Accommodates specimens up to
80 x 60 mm
Section thickness feed: 0.5-100 μ m
Trimming thickness: 10-500 μ m
Vertical feed range: 40 mm (max)
Horizontal knife stroke: 190 mm (max)

Power requirements:
100-240 V, 50-60 HZ, 0.5A

Includes

Dust cover and operator guide

Description	Order Number
HM 450 unit only	910020
With low-profile blade insert and 45 x 80 mm specimen clamp	910020L
With high-profile blade insert and 55 x 80 mm specimen clamp	910020H

You'll need:



blades,
blade holders,
knives



microscope
slides



freezing
sprays



Sliding Microtome HM 430

Versatility meets Accuracy

- Selection of the stroke length depending on the size of the specimen
- Coaxial specimen orientation and memory function for rapid re-orientation of pre-cut blocks
- Integrated blade holder glides along a maintenance-free, precision, cross-roller bearing system
- Easy knob turn selects manual or automatic advance
- Integrated removable waste tray
- X/Y fine orientation with reproducible zero positioning
- Blade holder with integrated, movable blade guard
- Ergonomic handle for moving blade holder

Physical Specifications

Dimensions (D x W x H):
19.3 x 14.2 x 12.6 in.
(49 x 36 x 32 cm)

Weight: 50.7 lbs / 23 kg

Accommodates specimens up to
80 x 60 mm
Section thickness feed: 0.5-60 μ m
Vertical feed range: 40 mm (max)
Horizontal knife stroke: 190 mm (max)

Includes

Dust cover and operator guide

Description	Order Number
HM 430 unit only	910010
With low-profile blade holder and 45 x 80 mm specimen clamp	910010L
With high-profile blade holder and 45 x 80 mm specimen clamp	910010H

You'll need:

 blades,
blade holders,
knives

 microscope
slides

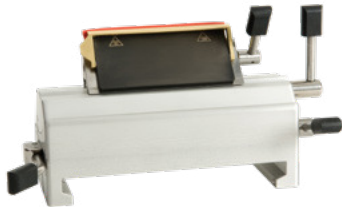
 freezing
sprays

Blade Holders



E Disposable Blade Holders for HM 355S, HM 340E, and HM 325

- With quick clamp system for high- and low-profile blades, clearance angle adjustment
- Movable blade guard with scale covers the entire blade in any position



ER Disposable Blade Holders for HM 355S, HM 340E, and HM 325

- With quick clamp system for high- and low-profile blades, clearance angle adjustment
- Clamping plate moves laterally to move the blade without needing to unclamp
- Used for cutting Macro / cassettes (vertically)
- Movable blade guard covers the entire blade in any position
- Removable cutting angle adjustment lever

Standard Solid Knife Carrier N for HM 355S, HM 340E, HM 325

- With integrated blade guard and clearance angle adjustment
- Blade height can be adjusted by means of a guidance bar
- Removable cutting angle set lever

Standard Solid Knife Carrier C for HM 355S, HM 340E, HM 325

- Stable version for use with tungsten carbide and conventional blades
- Central clamping plate provides optimal stability where the cutting forces are highest
- Allows full use of the entire blade edge and clearance angle adjustment
- Removable cutting angle set lever

Description	Order Number
E disposable blade holders for HM 355S, HM 340E, HM 325	705800
ER disposable blade holders for HM 355S, HM 340E, HM 325	705830
Standard solid knife carrier N for HM 355S, HM 340E, HM 325	705820
Solid knife carrier C for HM 355S, HM 340E, HM 325	705810

Not an IVD Medical Device and are not intended for diagnostic purposes.

Disposable Blades for Microtomes

Low-Profile Blades



MX35 Ultra™ Low-Profile Blade

All-around excellent low-profile blade for all types of tissue sectioning and increased blade life.

3053835 | Blade angle: 34° | 50 / pack



MX35 Premier +™ Low-Profile Blade

Blade designed for sectioning hard tissue and high-quality thin sections.

3052835 | Blade angle: 34° | 50 / pack



MX35 Premier™ Low-Profile Blade

Excellent blade for routine application with higher proportion of harder tissue.

3051835 | Blade angle: 34° | 50 / pack



MB35™ Premier Low-Profile Blade

Best for routine sectioning applications.

3050835 | Blade angle: 34° | 50 / pack



MB22 Premier™ Low-Profile Blade

Blade designed with a steeper angle, allowing users to accurately cut thinner sections faster. Excellent for renal biopsies and lymph nodes.

3050822 | Blade angle: 22° | 50 / pack

High-Profile Blades



HP35 Ultra™ High-Profile Blade

All-around excellent high-profile blade for all types of tissue sectioning and increased blade life.

3153735 | Blade angle: 34° | 50 / pack



HP35™ High-Profile Blade

Blade designed for high-quality thin sectioning.

3150734 | Blade angle: 34° | 50 / pack

Blade Type	Low-Profile Blades					High-Profile Blades	
	MX35 Ultra	MX35 Premier +	MX35 Premier	MB35 Premier	MB22 Premier	HP35 Ultra	HP35
Order number	3053835	3052835	3051835	3050835	3050822	3153735	3150734
Edge angle	34°	34°	34°	34°	22°	34°	34°
Cryostat	Best	Good	Good	Good	Best	Best	
Soft tissue	Best	Good	Good	Good	Good	Best	Good
Hard tissue	Best	Best	Good	Good		Best	
Thin sectioning	Best	Good	Good	Good	Best	Best	Best
Biopsies and recuts	Best	Good	Best	Good		Best	

Edge-Rite™ Disposable Microtome Blades

Made of surgical-grade steel, low- and high-profile blades are specially coated to increase longevity and optimize section quality.



Low Profile Blades

- Low-profile blades are 20% thicker than traditional blades to increase knife edge stability, which allows for excellent ribboning and facilitates usage in cryostats
- Blades are 5% longer, allowing for more sections per blade
- Fits any low-profile blade holder

Low-Profile (4280L) | High-Profile (4275H) | 50 / pack



Premium Disposable Microtome Blades

Premium standard high-profile disposable blades are available in heavy-duty and PTFE-coated styles.

Premium High-Profile (1001259) | 50/pack

Premium High Profile with PTFE-coating (1001593) | 50 / pack

Knives and Blades



Reusable Steel Knives

Epredia Reusable Steel Knives can be used with microtomes or cryostats when the technical application dictates that requirement.

- C-profile knives are used for standard paraffin and cryo-techniques

Accessories	Order Number
Steel C-profile knife 16 cm	152020



Cool-Cut and Section Transfer System

Simplify your workflow at the microtome with two specially designed accessories which integrate seamlessly with the HM 355S, HM 340E and HM 325 rotary microtomes.

Cool-Cut

- Maintains a cool, consistent temperature for paraffin blocks reducing the need to repeatedly ice down blocks
- Particularly effective during extended cutting sessions for “step sections” or “serial sections”
- Peltier device fits directly onto the specimen cylinder of the microtome and can be equipped with a universal cassette clamp or a standard specimen clamp

Description	Order Number
Cool-Cut with universal cassette clamp	771110
Cool-Cut with standard clamp	771120

Cool-Cut Physical Specifications

Dimensions (D x W x H):
3.74 x 2.36 x 7.1 in.
(9.5 x 6 x 18 cm)

Weight: 1.54 lbs / 700 g

Power requirements:
100-240 V, 50-60 HZ, 0.6A

Includes:
Peltier device with integrated specimen clamp, counter-balance weights and power supply.

Section Transfer System Physical Specifications

Includes:
Control unit, water bath with lid, section transfer unit, disposable blade holder and cables.

Section Transfer System

- Adjustable, laminar water flow rate produces more usable sections per block
- Selectable water temperature from ambient temperature up to 50 °C
- Illuminated, aluminum water bath enhances section visibility
- The common manual transfer of the sections into a water bath is no longer necessary

Description	Order Number
Section Transfer System with bar guide-way	771200

For more information on EpreDia's full range of microtome accessories, please contact your EpreDia representative.

Microscope Slides

Our microscope slides are made from fine white glass, manufactured to high quality standards in our glass manufacturing plant. The clarity achieved by our manufacturing process helps ensure high levels of transparency to aid in accurate diagnosis. Our skilled glassmakers strive to create slides with lot-to-lot and box-to-box consistency. Fully integrated quality controls include several checkpoints for testing, ensuring high quality product for laboratory use. All slides are pre-cleaned, thin, flat, and feature finely ground edges.



SlideMate Slides and SlideMate Plus Adhesion Slides

- Smooth, 3/4 in. white tab validated to work with the SlideMate AS and SlideMate Pro slide printer
- Tab is impervious to virtually all common laboratory chemicals and reagents
- Available in adhesion and non-adhesion formulas
- Slides are packed with a special inner wrap to assist with loading into the SlideMate AS and SlideMate Pro hopper to prevent contamination due to handling
- SlideMate slides have been validated for use with the SlideMate AS and SlideMate Pro. Customer validation required for use with other thermal transfer printing systems
- The heat setting for SlideMate AS and SlideMate Pro printers when used in conjunction with SlideMate Slides may need to be lowered compared to the heat setting when using SlideMate AS Printer with Superfrost slides. Each SlideMate AS and SlideMate Pro printer should be optimized individually.

Superfrost and Colorfrost Slides

- Superfrost and Colorfrost™ Slides feature a durable, easy to write, print and label printed tab
- Printed tab is impervious to virtually all common laboratory chemicals and reagents
- Available in a wide variety of colors to ease identification
- Available in large format

Frosted Slides

- Frosted tab – one side
- Double Frosted – both sides
- Frosting provides a smooth surface for manual notation

Specialty Printed Slides

- Localize cells in an easily-identifiable area on the slide surface
- Wells are surrounded by a chemical and water-resistant hydrophobic ink mask
- Available in 1, 3, 8, 10, and 12-well configurations

Polysine Adhesion Slides

- Adhesive coating attracts paraffin-embedded sections to slide surface
- Polysine slides are coated with a derivative of the chemistry for poly-L-lysine
- Feature a durable, easy to write, print, and read printed white tab
- Printed white tab is impervious to virtually all common laboratory chemicals and reagents

Superfrost Plus Gold Adhesion Slides

- Superfrost Plus Gold Adhesion Slides are made with a complex adhesive technology which attracts and chemically bonds fresh or formalin-fixed frozen tissue sections firmly to the surface of the slide
- Recommended for hard-to-hold tissue samples like bone, brain, breast and skin
- Feature a durable, easy to write, print and read printed white tab
- Printed tab is impervious to virtually all common laboratory chemicals and reagents

SuperFrost Plus and ColorFrost Plus Adhesion Slides

- SuperFrost™ Plus and Colorfrost Plus adhesion slides are designed to secure tissue sections without the need for laboratory-applied coatings
- Slides secure frozen and formalin-fixed, paraffin embedded tissue sections as well as cytology preparations
- Feature a durable, easy to write, print, and read printed tab
- Printed tab is impervious to virtually all common laboratory chemicals and reagents
- Available in a wide variety of colors to ease identification
- Available in large format



*Not all microscope slide products are featured in this catalog. For more information about other Epredia microscope slides, please contact your sales representative.

Paraffin Repellent

Parapel™ Paraffin Repellent

Protect against excess buildup of wax on countertops and instrumentation.

118 mL | 6 / case

Description	Quantity	Order Number
PARAPEL paraffin repellent 118 mL	6	2300

Freezing Sprays



Cytocool™ II Freezing Spray

Used to “flash-freeze” tissue specimens during microtomy.

- Does not contain ozone-depleting CFCs
- Simply vary finger pressure on the trigger nozzle to control tissue freezing; helps to prevent over-cooling of specimen
- Integral trigger nozzle eliminates need to attach separate handle to each can, making Cytocool II freezing spray less bulky and more comfortable to hold during use

11 oz (325 mL) | 12 / case

Ice-It™ Rapid Freezing Spray

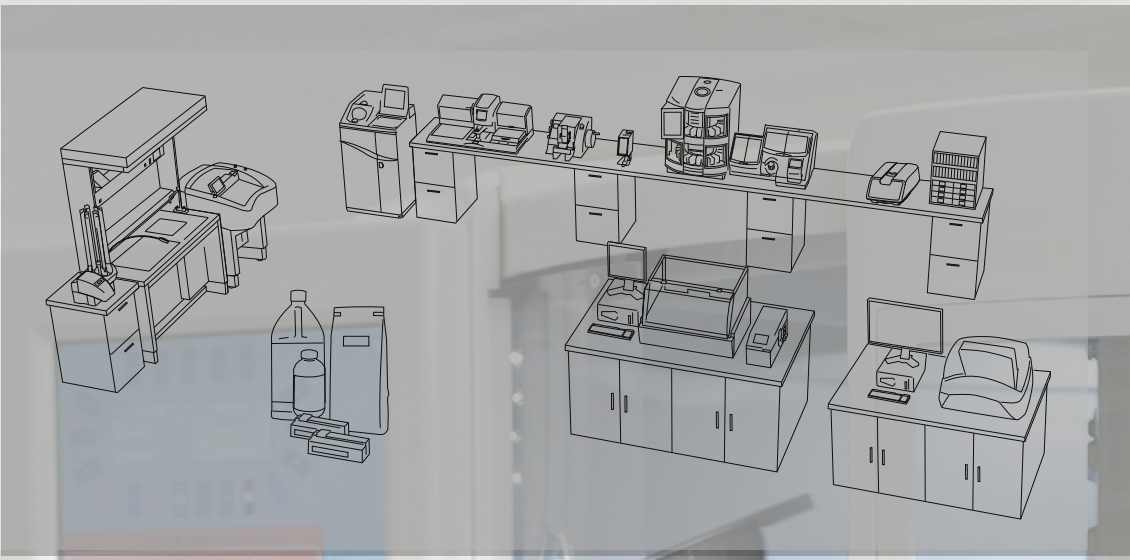
Ozone-friendly freezing spray for use during microtomy.

- Comfortable trigger nozzle makes dispensing easy to control
- Attachable capillary nozzle enables spot freezing
- Contains 1, 1, 1, 2 Tetrafluoroethane

11 oz (325 mL) | 12 / case

Description	Quantity	Order Number
Cytocool II freezing spray (11 oz / 325 mL)*	12 / case	8323
Ice-It rapid freezing spray (11 oz / 325 mL)*	12 / case	8325

*Not available for purchase in EU or Canada



GEMINI AS

Staining
consistently
clear results

Confidence begins with a crisp, well-defined stain

Epredia histology and cytology stains produce consistent, clear results for hospitals, cancer centers and private labs.

High-Performance

- Achieve optimum staining performance
- Nuclear clarity and superb definition
- Wide variety of easy-to-use special stains

Intelligent Workflow Optimization

- Top-of-the-line instruments designed to save on space and offer automatic optimization of staining routines
- Conduct manual staining procedures with our wide selection of staining racks and accessories

The Total Solution

- Reduce spills with easy-to-pour dehydrants
- Ensure high-quality and consistent results with reagent grade cleaning reagents
- Get peace of mind with Epredia extended service contracts that include preventative maintenance and thorough, expedited repairs, ensuring minimal downtime in your laboratory





Gemini AS Slide Stainer

Versatility in action

- 26 reagent stations (or 31 without optional heaters) – enough to run several protocols. Fully editable, user defined protocols allow the user to perform multiple actions at once, saving time
- Urgent start gives user the opportunity to prioritize “urgent” baskets without compromising those already in process
- Open system uses EpreDia stains and reagents
- Compatible with ClearVue coverslipper and Slide Basket Transfer System to reduce time in the lab
- Five optional on-board heaters cater to slide drying in high-volume situations

Auto-Optimization

- Easy-to-use software schedules runs, allocates reagents, optimizes reagent layout, and calculates the most efficient route for each protocol to maximize throughput and minimize reagent carryover
- Step-start capability allows protocols to be started from any step
- Quality control system can be set to monitor reagent usage and batch throughput
- PIN protection system secures operator’s customized protocols and settings

Space-Saving Design

- Unique, small footprint allows Gemini AS stainer to fit into any laboratory space
- Reagent stations are easy to access with a turntable on the lower level

Physical Specifications

Dimensions (D x W x H):
31 x 28.5 x 35 in.
(79 x 72 x 88.8 cm)

Weight: 192 lbs / 87 kg

Power requirements:
300 VA at 100-240 VAC, 50/60 Hz

Includes:

Unheated stainer; 35 stain pots (320 mL fill volume) supplied, fitted. Heated stainer; 30 stain pots (320 mL fill volume) and five heater pots supplied, fitted. Both models contain charcoal filter, staining baskets/carriers (5/pk x 2), three-well water station (two fitted), single pot covers (6/pk.), multi-pot covers (4/pk.), 2.5 m water inlet hose, spare staining pots (3/pk.), operator guide, operator guide CD, laminated quick reference cards and service record book

Description	Order Number
Gemini AS with 26 reagent stations and 5 heater stations	A81500001
Gemini AS unheated with 31 reagent stations	A81500002

Accessories	Order Number
Charcoal filter*	9990610
Static water wash station*	A78010226
Vent adapter kit*	A78010467
Water wash pot, 3 well*	A78010201
Water wash inlet hose*	AP14160
1 GB USB stick*	AP17385
Reagent pot (3 / pk.)	A78010487
Reagent pot cover, multi-pot (4 / pk.)	A78010488
Reagent pot cover, single pot (6 / pk.)	A78010489
Basket/carrier (5 / pk.) (each holds 20 slides)	A78010466
Gemini baskets (ClearVue compatible), black slider (5 / pk.)*	A79210064
Gemini baskets (ClearVue compatible), white slider (5 / pk.)*	A79210065
Carrier for Sakura™ racks (5 / pk.)*	A78010404
Pot insert for manual coverslipping (3 / pk.)*	A78010505
Basket adapter for large slides up to 3 x 2.3 in. (45 x 58 mm) (5 / pk.)*	A78010510



Did you know that EpreDia offers a combined staining and coverslipping solution?

Checkout the Slide Basket Transfer System, compatible with the ClearVue coverslipper and Gemini AS slide stainer

You'll need:



staining assemblies



staining accessories



staining jars



staining reagents

*Not an IVD Medical Device and are not intended for diagnostic purposes.

Linistat Linear Stainer



Streamline your laboratory's workflow during frozen sectioning with the Linistat linear stainer, a compact and efficient staining device that is ideally suited to H&E frozen sections.

- Designed to fit on top of most cryostats
- Fourteen staining stations (twenty seconds each)
- Running water and a thirteen-slide capacity collection tank
- Staining time is under five minutes
- For situations that require hand staining, technicians may dip through the stations, eliminating the need to set up separate staining dishes

Physical Specifications

Dimensions (D x W x H):
7.5 x 25 x 7.5 in.
(19 x 64 x 19 cm)

Clearance height: 10.25 in.

Weight: 16.3 lbs (7.3 kg)

Power requirements:
115 Vac, 60 Hz, 1.0A
230 Vac, 50 Hz, 0.5A

Includes:

Single station staining dishes, slide clips and rinse water tubing kit.†

† Contents, packaging and quantities of inclusions are subject to change without prior notice.

Description	Order Number
Linistat; 110 - 120 V; 60 Hz	B1000200
Linistat; 220 - 240 V; 50 Hz	B1000201

Accessories	Order Number
Single station staining dishes (10 / pk.)	6754003
Slide clips, white (25/pk)	6754002
Anti-evaporation lid (single station)*	231644
Anti-evaporation lid (double station)*	231645
Anti-evaporation lid (triple station)*	231646
Stainless steel holding tank*	A79830072
Stainless steel evaporation; 18 in. (46 cm)*	A79830022

You'll need:



*Not an IVD Medical Device and is not intended for diagnostic purposes



Slide Basket Transfer System

The Slide Basket Transfer System (SBTS) eliminates the need to manually transfer slide baskets from the Gemini AS slide stainer to the ClearVue coverslipper.

- Free up your team's time with automatic transfer from the Gemini AS slide stainer to the ClearVue coverslipper
- Simply place slides in the Gemini AS slide stainer and carry on with other tasks without distraction
- The system will alert you when the slides have finished coverslipping in the ClearVue coverslipper
- With a small footprint, the combined system of the Gemini AS slide stainer, Slide Basket Transfer System, and ClearVue coverslipper seamlessly fits into virtually any laboratory workflow
- Compatible with the Gemini AS and ClearVue systems made after February 2018 only

Physical Specifications

Dimensions (D x W x H):
20.9 x 13.8 x 16.9 in
(53 x 35 x 43 cm)

Weight:
44 lbs, 20 kg

Power requirements:
100-240 Vac, 50/60 Hz, 600 VA

Dimensions (Gemini AS
+ SBTS + ClearVue):
31.1 x 61.8 x 35 in
(79 x 157 x 89 cm)

Weight (Gemini AS
+ SBTS + ClearVue):
365 lbs, 165 kg

Description	Order Number
Slide Basket Transfer System	A84500001

Accessories	Order Number
SBTS baskets (5) black	A84510032
SBTS baskets (5) white	A84510041
Operator guide	A84510100
Documentation CD	A84510100-CD
Xylene tray	A84530101
Manual unload tool	A84530110
Wash bottle*	AP18730

You'll need:



*Not an IVD Medical Device and is not intended for diagnostic purposes

Complete Staining Assemblies



Complete Staining Assembly 110

- Complete assembly 110 includes rack/handle (No. 113), dish (No. 112) and cover (No. 111)
- Staining rack 113 is made from stainless steel and holds up to 30 slides; maximum slide size is 3 x 2 in. (76 x 51 mm)
- Staining dish 112 is made from stainless steel with inside dimensions of 4.3 x 3.35 x 2.95 in. (110 x 85 x 75 mm)
- Staining dish holds up to 350 mL of solution with a fully loaded staining rack
- Staining dish cover 111 is made from stainless steel



Complete Staining Assembly 121

- Complete assembly 121 includes rack/handle (No. 113), dish (No. 122) and cover (No. 123)
- Staining rack 113 is made from stainless steel and holds up to 30 slides; maximum slide size is 3 x 2 in. (76 x 51 mm)
- Staining dish 122 is made from non-autoclavable glass with inside dimensions of 4.3 x 3.6 x 2.6 in. (110 x 92 x 67 mm)
- Staining dish holds up to 350 mL of solution with a fully loaded staining rack
- Staining dish cover 123 is made from stainless steel

Complete Staining Assemblies are not approved for IVD use.



Complete Staining Assembly 130

- Complete assembly 130 includes rack/handle (No. 120), dish (No. 131) and cover (No. 132)
- Staining rack 120 is made from stainless steel and holds up to 60 slides; maximum slide size is 3 x 2 in. (76 x 51 mm)
- Staining dish 131 is made from non-autoclavable glass with inside dimensions of 7.95 x 4.4 x 2.8 in. (202 x 112 x 72 mm)
- Staining dish holds up to 750 mL of solution with a fully loaded staining rack
- Staining dish cover 132 is made from stainless steel

Description	Order Number
Complete Assembly 110	110
Staining rack	113
Staining dish	112
Staining dish cover	111
Complete Assembly 121	121
Staining rack	113
Staining dish	122
Staining dish cover	123
Complete Assembly 130	130
Staining rack	120
Staining dish	131
Staining dish cover	132

Complete Staining Assemblies are not approved for IVD use.

Epredia Staining Accessories



Vertical Staining Rack

- Constructed of welded stainless steel for durability
- Holds 38 (76 x 26 mm) slides vertically
- Slides fit into individual slots to allow for free exchange and rapid drainage of staining reagents
- Measures 2.5 x 2.35 x 4.1 in. (64 x 60 x 105 mm)

Slide Holder

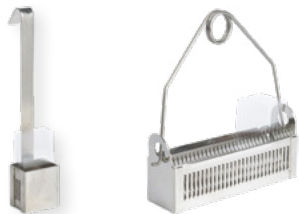
- Features individually stamped slots
- Holds ten (76 x 26 mm) slides vertically
- Can be used with the frozen staining kit glass beakers
- Not for use with Coplin jars or vertical staining jar (No. 140)



Plastic Slide Grip

- Plastic slide grip is constructed of molded plastic that withstands chemicals used in staining, including special stains
- Hold five (76 x 26 mm) slides
- Can be used in temperatures to 80 °C
- Fits Coplin jars and round-mouthed staining jars

Staining Accessories are not approved for IVD use.



Coverglass Staining Racks

- Welded stainless steel racks securely hold 22 mm or 24 mm coverslips
- Available in two sizes
- Five-coverslip rack will fit in vertical staining jar 140 or glass beaker 146
- Thirty-coverslip rack includes a spring-type detachable handle and measures 4.0 x 1.1 x 1.2 in. (102 x 28 x 31 mm)



Polyacetal Trough/Dish

- Polyacetal trough/dish features a molded black polyacetal trough with close-fitting lid
- Can be used with alcohol and xylene, but not phenol
- Capacity: 170 mL



Graduated Stainless Steel Beakers

- Graduated stainless steel beakers feature inside graduated markings that show milliliters and fluid ounces
- Constructed of surgical grade stainless steel

Accessories	Order Number
Vertical staining rack	143
Slide holder	147
Plastic slide grip	1975
Angus-Ranieri slide rack	9991010
Coverglass staining rack (30 coverslips)	114
Coverglass staining rack (5 coverslips)	116
Polyacetal Trough/Dish	E107, E99
Graduated stainless steel beaker (940 mL)	8532
Graduated stainless steel beaker (470 mL)	8516

Staining Accessories are not approved for IVD use.

Staining Jars



Coplin Staining Jar

- A heavy, clear glass jar with internal grooves
- Holds ten slides (76 x 26 mm) back-to-back or five slides individually
- Includes a glass drop-on lid or a plastic screw-on lid



Plastic Coplin Staining Jar

- A microwavable, high-density polyethylene jar with internal grooves
- Holds ten slides back-to-back
- For general purpose use
- 40 mm diameter; circular, tapered top
- Includes domed, screw-on cap

Columbia Jar

- A glass jar to accept 22 x 22 mm coverslips
- Low volume requirement (8 mL) makes this suitable for use with costly reagents
- Supplied with plastic screw-on cap

Staining Jars are not approved for IVD use.

Description	Qty.	Order Number
Coplin Staining Jar		
Drop-on lid	ea.	E94
Screw-on lid	ea.	107
Plastic Coplin Staining Jar		
Plastic Coplin staining jar	ea.	194
Columbia Jar		
Columbia jar (fits 4 coverslips, 8 back-to-back)	ea.	E93

Signature Series Stains

Hematoxylin 7211

Signature Series Hematoxylin 7211 is a uniquely formulated product that yields results which exceed that of Gill or Harris Hematoxylin.

- No affinity for acid mucopolysaccharide (mucin) staining
- Crisp slides with clear, well-defined nuclear chromatin delineation

Hematoxylin 7212

Signature Series 7212 offers a unique formula consisting of a new generation dye-lake complex.

- Rapid, progressive stain requires no filtration prior to use
- Contains no mercuric oxide
- Little affinity for mucin staining
- Results in clear, crisp nuclear stain with a deeper, more robust intensity

Hematoxylin 1

Signature Series Hematoxylin 1 produces staining intensities similar to Gill™ 1, 2 and 3 Hematoxylin, based on timing.

- Differentiation is not necessary, however, Clarifier 1 should be used to eliminate any background staining caused by use of excessive water bath adhesive
- Rapid stain requires no filtration prior to use
- Will not form crystals upon standing or exposure to cold weather

Hematoxylin 2

Signature Series Hematoxylin 2 produces staining intensity similar to Harris Hematoxylin.

- Unlike many comparable products, Hematoxylin 2 does not contain mercuric oxide and will not form a metallic sheen over its surface each day
- Differentiation is not necessary, however, Clarifier 2 should be used to eliminate any background staining caused by the use of excessive water bath adhesive
- Recommended for frozen sections
- Requires no filtration prior to use
- Will not form crystals upon standing or exposure to cold weather

Eosin-Y

Signature Series Eosin-Y is a fast-acting, alcoholic counterstain that provides excellent delineation of cytoplasmic components.

- Color contrast between the nuclei and cytoplasm is unmatched
- Various shades of red and pink differentiate muscle, red blood cells, and connective tissue
- Strict quality assurance guarantees product consistency and longevity
- Quantitative testing eliminates the need for adjustments in dilution or time

Bluing Reagent

Signature Series Bluing Reagent is premixed and ready-to-use.

- Buffered to ensure proper alkalinity (pH = 8.0)
- Requires only a one minute rinse in water versus conventional bluing agents which require up to five minutes of rinsing
- Ensures crisp nuclear detail

Clarifier 1, 2

Signature Series Clarifier 1 and 2 are unique acetic acid formulations designed to remove background stain caused by excessive use of tissue adhesive and to increase cell transparency.

- Both Clarifier 1 and 2 selectively remove hematoxylin staining from excess adhesive without affecting nuclear staining
- Use of Clarifier 1 or 2 improves contrast between nuclei and cytoplasm

Description	Qty.	Order Number	Description	Qty.	Order Number
Signature Series Hematoxylin 7211			Signature Series Bluing Reagent		
1 pt (0.47 L)	4 / case	7211	1 gal (3.8 L)	ea.	7301
1.32 gal (5 L)	ea.	7211L	1 gal (3.8 L)	4 / case	7341
Signature Series Hematoxylin 7212			1.32 gal (5 L)	ea.	7301L
1 pt (0.4 L)	4 / case	7212	Signature Series Clarifier 1, 2		
1.32 gal (5 L)	ea.	7212L	Clarifier 1		
Signature Series Hematoxylin 1			1 gal (3.8 L)	ea.	7401
1 pt (0.47 L)	4 / case	7221	1 gal (3.8 L)	4 / case	7441
1.32 gal (5 L)	ea.	7221L	Clarifier 2		
Signature Series Hematoxylin 2			1 gal (3.8 L)	ea.	7402
1 pt (0.47 L)	4 / case	7231	1 gal (3.8 L)	4 / case	7442
Signature Series Eosin-Y			1.32 gal (5 L)	ea.	7402L
1 pt (0.47 L)	4 / case	7111			
1.32 gal (5 L)	ea.	7111L			



Series R tandard Stains

Gill 1, 2, 3 Hematoxylin, Series R

Gill™ Hematoxylin are progressive nuclear stains. Three strengths are available, allowing the user complete control of staining intensities.

- Gill 1 is recommended for use in cytology
- Gill 2 has applications in histology and cytology
- Gill 3 is used in histology
- All are premixed and ready to use

Modified Harris Hematoxylin, Series R

Modified Harris Hematoxylin is a regressive nuclear stain.

- Formulation contains no mercury and is more stable than conventional Harris Hematoxylin
- Can be used in both histology and cytology
- Should be filtered prior to use

Modified Mayer's Hematoxylin, Series R

Modified Mayer's Hematoxylin is a progressive nuclear stain. It is difficult to over stain sections with this product, yet very crisp nuclear staining is achieved.

- A good choice as a counterstain in immunoperoxidase and special stain procedures
- Requires no acid rinse and does not stain mucin
- Recommended for use when less intense results are desired

Differentiating Solution, Series R

Differentiating Solution is a standard formulation of hydrochloric acid in denatured alcohol.

- Reproducible batch results allow for consistent staining in regressive procedures
- Solution provides clear differentiation and contrast between the hematoxylin and eosin

Eosin-Y Alcoholic, Eosin-Y with Phloxine, Eosin-Y Saturated, Series R

Eosin-Y Alcoholic, Eosin-Y with Phloxine, and Eosin-Y Saturated were developed to satisfy a wide range of customer needs.

- Strict quality control of raw materials and finished product ensures the highest product quality every time
- Eosin-Y Alcoholic produces three distinct color variations enhancing differentiation between muscle, red blood cells and connective tissue
- Eosin-Y with Phloxine yields a brighter reddish hue and a more dramatic differentiation of cytoplasmic color than Eosin-Y Alcoholic
- Eosin-Y Saturated is very intense and rapid counterstain that can be used to make working solutions of Eosin-Y

Powdered Stains

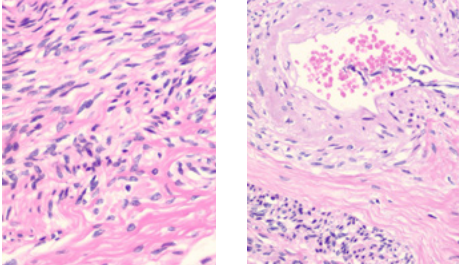
Certified by the Biological Stain Commission

Description	Qty.	Order Number
Gill 1, 2, 3 Hematoxylin		
Gill 1 Hematoxylin		
1 pt (0.47 L)	4 / case	72404
1 gal (3.8 L)	4 / case	72411
Gill 2 Hematoxylin		
1 pt (0.47 L)	4 / case	72504
1 gal (3.8 L)	4 / case	72511
Gill 3 Hematoxylin		
1 pt (0.47 L)	4 / case	72604
1 gal (3.8 L)	4 / case	72611
Modified Harris Hematoxylin		
1 gal (3.8 L)	4 / case	72704
1 gal (3.8 L)	ea	72711
Modified Mayer's Hematoxylin		
1 pt. (0.47 L)	4 / case	72804
Differentiating Solution		
1 pt (0.47 L)	4 / case	74204
1 gal (3.8 L)	4 / case	74211
Eosin-Y Alcoholic		
1 pt (0.47 L)	4 / case	71204
1 gal (3.8 L)	4 / case	71211
2.5 gal (9.46 L) cubitainer	4 / case	71225

Description	Qty.	Order Number
Eosin-Y with Phloxine		
1 pt (0.47 L)	4 / case	71304
1 gal (3.8 L)	4 / case	71311
Eosin-Y Saturated		
1 pt (0.47 L)	4 / case	71504
Dry Powder Stains		
Eosin-Y 100 g	4 / case	90017
Hematoxylin 25 g	4 / case	90022



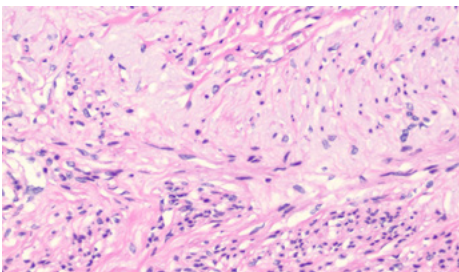
Series S Staining Reagents



Harris Hematoxylin, Series S

Harris Hematoxylin has no mucoid staining.

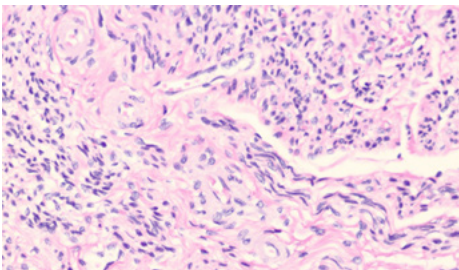
- Available both acidified or non-acidified
- Mercury-free
- Intensely stained, blue black nuclei



Instant Hematoxylin

Instant Hematoxylin has no mucoid staining.

- May be used as a substitute for Harris or Gill
- Stains from blue-black to light blue depending upon preparation
- Part A and Part B are reconstituted to make one liter of hematoxylin



Gill Hematoxylin 1, 2, 3, Series S

Gill™ Hematoxylin has mucoid staining.

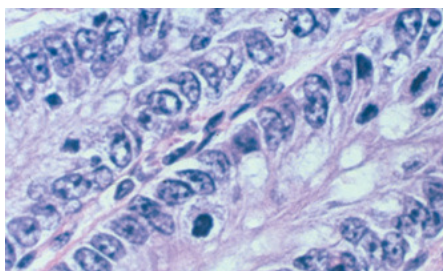
- Gill 1: Light blue nuclei
- Gill 2: Medium blue nuclei
- Gill 3: Blue-black nuclei



Bluing Reagent, Series S

Bluing Reagent blues hematoxylin stained nuclei.

- Gentle, with no loss or lifting of material from slides (typically associated with ammonia water use)
- Thoroughly pH-controlled for completely effective bluing
- Ready-to-use



Nu-Clear

Nu-Clear™ reagent is a specially formulated acid alcohol solution. Acid alcohol enhances staining by removing excess Hematoxylin from the slide, resulting in improved cellular clarity. Will also remove the residual Hematoxylin staining the glass.

- Designed to be used with the full line of Epredia automatic stainers as well as manual methods.

Nu-Clear I

- Fast-acting solution
- Recommended for use as a 10-second step in most protocols
- Particularly beneficial for use with Harris Hematoxylin
- May be used on the Epredia Gemini AS Slide Stainer

Nu-Clear II

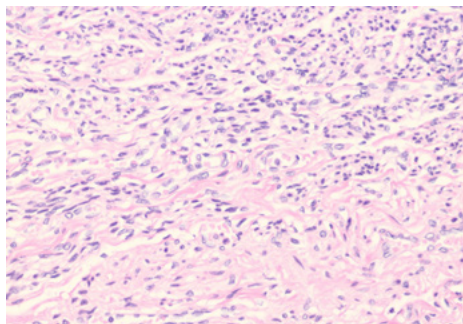
- Less concentrated
- Recommended as a 20-second step
- May be used on the Epredia Linistat stainer and other linear stainers
- Recommended for use with Gill Hematoxylin

Eosin-Y, Series S

Eosin-Y is a fast-acting cytoplasmic counterstain.

- Produces consistent results
- pH-adjusted for maximum stain uptake
- Produces brilliant staining
- Compatible with all alum Hematoxylin stains
- Available in alcoholic or aqueous formulations
- Ready-to-use





Instant Eosin, Series S

Instant Eosin Produces consistent results.

- This instant Eosin is stable, precipitate-free and requires no filtering
- pH-adjusted for maximum stain uptake
- Produces brilliant staining
- Compatible with all alum Hematoxylin stains

Description	Qty.	Order Number
Harris Hematoxylin Non-Acidified		
0.26 gal (1 L)	2 / case	6765001
1.06 gal (4 L)	ea.	6765002
Harris Hematoxylin Acidified		
0.26 gal (1 L)	2 / case	6765003
1.06 gal (4 L)	ea.	6765004
Instant Hematoxylin		
Makes 6 L	6 / pack	6765015
Gill Hematoxylin 1, 2, 3		
Gill 1 Hematoxylin		
0.26 gal (1 L)	2 / case	6765005
1.06 gal (4 L)	ea.	6765006
Gill 2 Hematoxylin		
0.26 gal (1 L)	2 / case	6765007
1.06 gal (4 L)	ea.	6765008
Gill 3 Hematoxylin		
0.26 gal (1 L)	2 / case	6765009
Bluing Reagent		
0.26 gal (1 L)	2 / case	6769001
1.06 gal (4 L)	ea.	6769002
Nu-Clear		
Nu Clear I 1.06 gal (4 L)	ea.	6769008
Nu Clear II 1.06 gal (4 L)	ea.	6769009

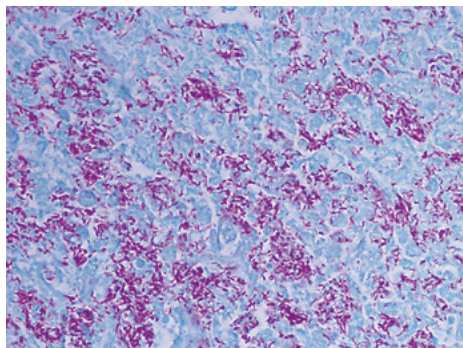
Description	Qty.	Order Number
Eosin-Y Alcoholic		
0.26 gal (1 L)	2 / case	6766007
1.06 gal (4 L)	ea.	6766008
Eosin-Y Aqueous		
0.26 gal (1 L)	2 / case	6766009
1.06 gal (4 L)	ea.	6766010
Instant Eosin Alcoholic		
Makes 6 L	6 / pack	6765040
Instant Eosin Aqueous		
Makes 6 L	6 / pack	6765540

Chromaview Special Stain Kits

Chromaview™ Special Stains function together as a system to visualize specific cell entities

Bring a systems-approach to special stains offering quality, consistency, ease of use and economy. Available as convenient, ready-to-use kits or as individual components. Each kit is designed to yield ten applications utilizing 50 mL coplin jars.



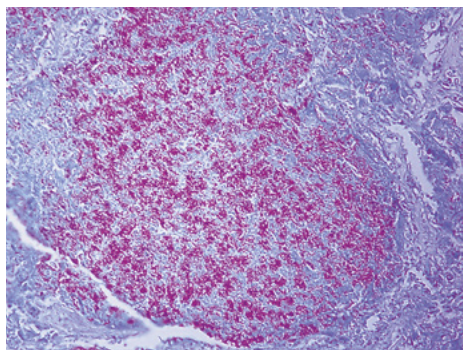


Acid-Fast Bacillus Stain (Green Secondary Stains)

Acid Fast Bacillus (Green Secondary Stains) is used to identify the presence of acid-fast bacilli in tissue sections and to produce optimal staining while reducing precipitate.

- Acid-fast bacilli are stained bright red against a pale green background

Description	Size	Qty.	Order Number
Acid Fast Bacillus, Green Secondary stain kit	1 kit	ea.	87015
Components			
Carbol Fuchsin solution	125 mL	ea.	88001
Fast Green Stain solution	500 mL	ea.	88003
Differentiating solution	500 mL	2 / case	88117

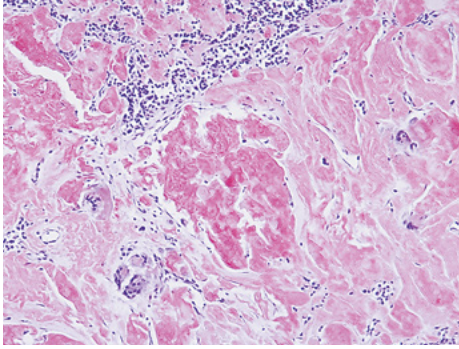


Acid-Fast Bacillus Stain (Blue Secondary Stains)

Acid Fast Bacillus (Blue Secondary Stains) is used to identify the presence of acid-fast bacilli in tissue sections and to produce optimal staining while reducing precipitate.

- Acid-fast bacilli are stained bright red against a pale blue background

Description	Size	Qty.	Order Number
Acid Fast Bacillus, Blue Secondary stain kit	1 kit	ea.	87016
Components			
Loeffler Methylene Blue stain solution	250 mL	ea.	88002
Carbol Fuchsin solution	125 mL	ea.	88001
Differentiating solution	500 mL	2 / case	88117

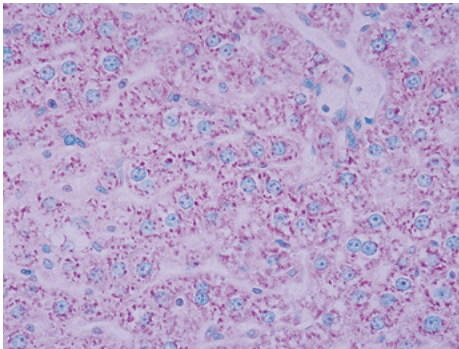


Amyloid Stain

Amyloid Stain is for the demonstration of amyloid.

- Alkaline Congo Red solution will stain amyloid orange to red and display apple-green birefringence when examined with polarizing microscope

Description	Size	Qty.	Order Number
Amyloid stain kit	1 kit	ea.	87003
Components			
Sodium Hydroxide solution	8 mL	ea.	88004
Congo Red solution	500 mL	ea.	88005
Modifier Mayer's Hematoxylin	500 mL	2 / case	88006

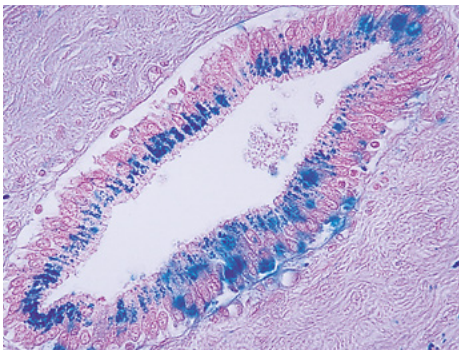


Methyl Green-Pyronin Y

Methyl Green-Pyronin Y Stain is effective in the identification of plasma cells and RNA in tissue sections and cytological preparations.

- DNA is stained green and RNA is stained red
- Concentrated MGP is diluted prior to use

Description	Size	Qty.	Order Number
Methyl Green-Pyronin Y	125 mL	ea.	87011

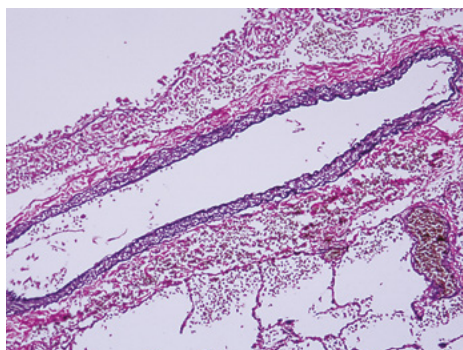


Iron Stain

Iron Stain is used to detect presence of ferric iron (hemosiderin) in histological or hematological preparations.

- Useful in study of iron deficiency anemia, hemochromatosis and hemosiderosis
- Prussian Blue reaction
- Iron stains blue, nuclei pink-red and cytoplasm pale pink

Description	Size	Qty.	Order Number
Iron stain kit	1 kit	ea.	87006
Components			
Potassium Ferrocyanide solution	250 mL	ea.	88013
Hydrochloric acid solution (20%)	250 mL	ea.	88014
Nuclear Red Thiazin stain solution	125 mL	ea.	88015

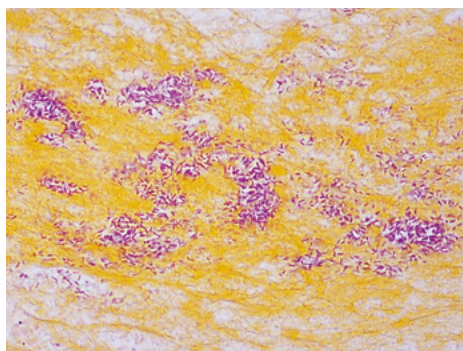


Elastic Stain

Elastic Stain is based on the Verhoeff Elastic technique.

- Used to demonstrate the atrophy, thinning and loss of elastic tissue
- Also used for identifying the breaks, splitting and reduplication of elastic lamellae that occur in vascular diseases
- Elastic fibers are stained blue-black to black with red collagen and a yellow background

Description	Size	Qty.	Order Number
Elastic stain kit	1 kit	ea.	87017
Components			
Alcoholic Hematoxylin solution	250 mL	ea.	88007
Ferric Chloride solution	125 mL	ea.	88008
Weigert's Iodine solution	125 mL	ea.	88009
Sodium Thiosulfate solution	500 mL	ea.	88000
Van Gieson stain solution	250 mL	ea.	88011

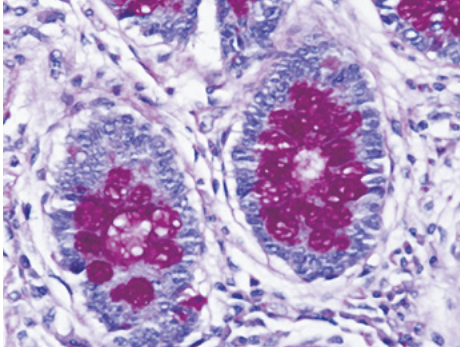


Gram Stain (Tissue)

Gram Stain (Tissue) identifies Gram-positive and Gram-negative bacteria in tissue sections.

- Gram-positive organisms stain blue to blue-black
- Gram-negative organisms stain red
- Tartrazine provides a yellow background stain

Description	Size	Qty.	Order Number
Gram stain kit	1 kit	ea.	87018
Components			
Crystal Violet solution	500 mL	ea.	88101
Safranin O stain solution	500 mL	ea.	88103
Gram's Iodine	500 mL	ea.	88102
Tartrazine stain solution	500 mL	ea.	88012
Decolorizing solution	500 mL	ea.	88104

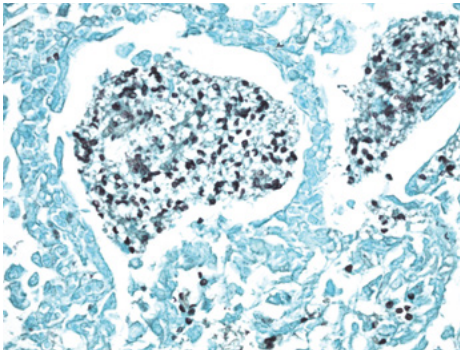


Periodic Acid-Schiff (PAS)

Periodic Acid-Schiff (PAS) Solution is used to demonstrate the patterns and presence of specific carbohydrates.

- Glycogen, mucin and some basement membranes and fungal walls will stain rose to magenta
- Nuclei stain blue

Description	Size	Qty.	Order Number
PAS kit	1 kit	ea.	87007
Components			
Periodic Acid solution (0.5%)	500 mL	ea.	88016
Schiff reagent	500 mL	ea.	88017
Hematoxylin 1	500 mL	ea.	88018



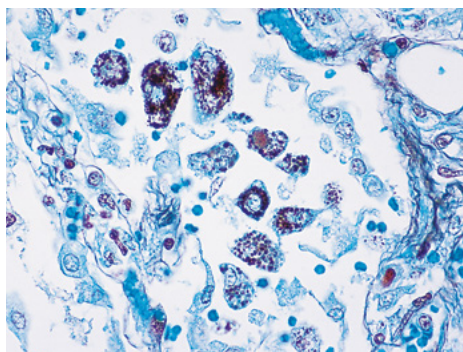
Modified Grocott's Methenamine Silver (Chromic Acid)

Modified Grocott's Methenamine Silver (Chromic Acid) Kit is a uniquely modified silver stain formulation.

- Utilizes methenamine/borax capsules to make working silver solution
- Distinguishes fungi, basement membranes and opportunistic organisms in tissue sections
- Chromic acid solution will enhance detection of *Pneumocystis carinii*, histoplasmosis and fungus organisms; eliminates non-specific background staining
- Entities and reticular fibers stain black against a green background

Description	Size	Qty.	Order Number
Methenamine Silver (Chromic Acid) stain kit	1 kit	ea.	87024
Components			
Methenamine Borax capsules		12 ea.	88023
Fast Green stain solution	125 mL	ea.	88024
Sodium Thiosulfate solution	500 mL	ea.	88025
Sodium Metabisulfate solution	500 mL	ea.	88042
Gold Chloride solution	125 mL	ea.	88026
5% Chromic Acid solution	500 mL	ea.	88041
5% Silver Nitrate solution*	30 mL	ea.	88036

*Not available for purchase in EMEA

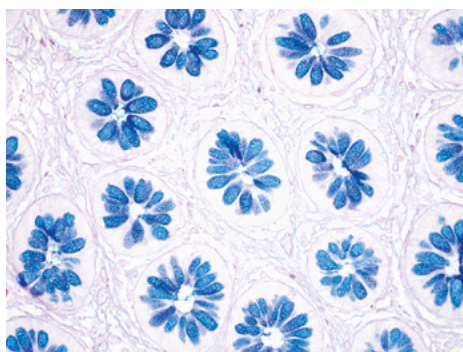


Modified Grocott's Methenamine Silver (Periodic Acid)

Modified Grocott's Methenamine Silver (Periodic Acid) is a uniquely modified silver stain formulation that utilizes methenamine/borax capsules to make working silver solution.

- Utilizes methenamine/borax capsules to make working silver solution
- Aids in distinguishing fungi, basement membranes and opportunistic organisms such as *Pneumocystis carinii* in tissue sections
- These entities, along with reticular fibers, are stained black
- Background is stained green

Description	Size	Qty.	Order Number
Methenamine Silver (Periodic Acid) stain kit	1 kit	ea.	87008
Components			
Methenamine Borax capsules		12 ea.	88023
Fast Green stain solution	125 mL	ea.	88024
Sodium Thiosulfate solution	500 mL	ea.	88025
Gold Chloride solution	125 mL	ea.	88026
1% Periodic Acid solution	125 mL	ea.	88027
5% Silver Nitrate solution	30 mL	ea.	88036

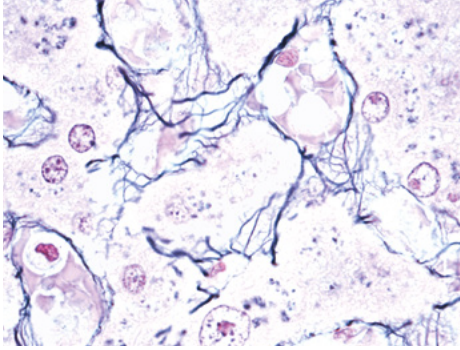


Alcian Blue/PAS

Alcian Blue/PAS Special Stain Kit is used to demonstrate presence of both neutral and acidic mucosubstances.

- Can be used alone to stain acid mucins and other carboxylated and sulfated acid mucosubstances blue on tissue sections
- Periodic Acid Schiff (PAS) reaction is used to stain glycogen, basement membranes and neutral mucosubstances pink

Description	Size	Qty.	Order Number
Alcian Blue/PAS stain kit	1 kit	ea.	87023
Components			
Alcian Blue pH 2.5 stain solution	500 mL	ea.	88043
0.5% Periodic acid solution	500 mL	ea.	88016
Schiff reagent	500 mL	ea.	88017

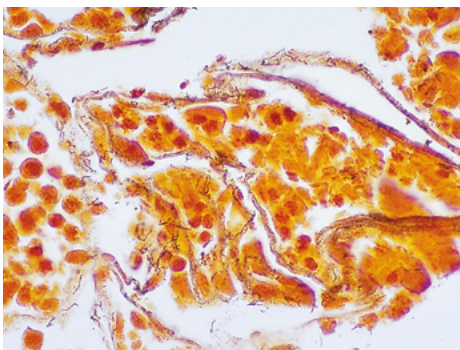


Reticulin Silver

Reticulin Silver Stain is a Gordon and Sweet's modification that will identify and visualize reticular fibers in tissue sections.

- Working ammoniacal silver solution selectively impregnates and reacts with reticular fibers through multiple reactions, including oxidation and reduction
- Kernechtrot Nuclear Fast Red Stain Solution provides red background stain

Description	Size	Qty.	Order Number
Reticulin Silver stain kit	1 kit	ea.	87025
Components			
Oxalic Acid solution	125 mL	ea.	88045
Potassium Permanganate solution	125 mL	ea.	88046
Ferric Ammonium Sulfate solution	125 mL	ea.	88047
Reducing solution	500 mL	ea.	88048
Gold Chloride solution (0.1%)	125 mL	ea.	88026
Sodium Thiosulfate solution	125 mL	ea.	88025
Kernechtrot Nuclear Fast Red stain solution	125 mL	ea.	88049
10% Silver Nitrate solution	125 mL	ea.	88050
Ammonium Hydroxide solution	8 mL	ea.	88051
Sodium Hydroxide solution (3%)	125 mL	ea.	88052



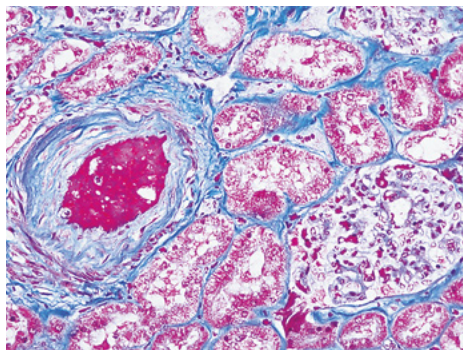
Steiner-Steiner Silver

Steiner-Steiner Silver Stain determines spirochetes and non-filamentous bacteria.

- Bacteria (including spirochetes and *Legionella pneumophilia*), Donovan bodies and fungi all stain black
- Background is stained yellow to brown
- Kit formulation and detailed procedures provide consistent and reproducible results; kit does not contain uranyl nitrate

Description	Size	Qty.	Order Number
Steiner-Steiner Silver stain kit	1 kit	ea.	87009
Components			
Silver Nitrate solution #2 (dropper)*	8 mL	ea.	-
Silver Nitrate solution #1	500 mL	ea.	88033
Gum Mastic Solution	500 mL	ea.	88034
Hydroquinone (capsules)	6 / pack	2	88035
Sensitizer solution	500 mL	ea.	88054

*Not available for purchase in EMEA

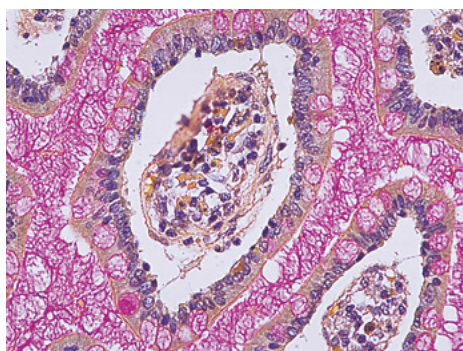


Masson Trichrome

Masson Trichrome Kit aids in differentiating collagen and smooth muscle in tumors.

- Helps detect diseases of connective tissue and changes in muscle tissue
- Cytoplasm, keratin and muscle fibers are stained red, with collagen and mucin stained blue
- Nuclei are black

Description	Size	Qty.	Order Number
Masson Trichrome stain kit	1 kit	ea.	87019
Components			
Biebrich Scarlet Acid Fuchsin solution	250 mL	ea.	88019
Phosphotungstic-Phosphomolybdic Acid solution	250 mL	ea.	88020
Aniline Blue stain solution	250 mL	ea.	88022
Weigert's Iron Hematoxylin - part A	500 mL	ea.	88028
Weigert's Iron Hematoxylin - part B	500 mL	ea.	88029
Bouin's Fluid	500 mL	ea.	88038
1% Acetic Acid solution	500 mL	ea.	88039

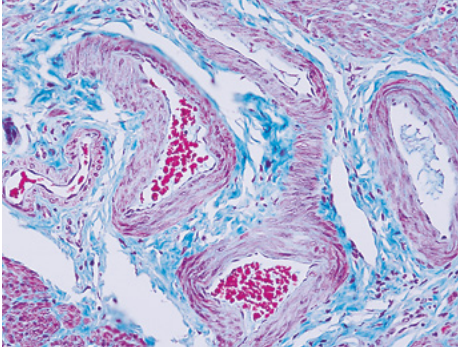


Mucicarmin

Mucicarmin Stain is useful in the identification of primary tumor sites.

- Aids in distinguishing mucin-negative undifferentiated squamous cell lesions from mucin-positive adenocarcinomas
- Mucin is stained dark rose and the nuclei are black
- Capsule of Cryptococcus (fungus) is stained deep rose
- Tartrazine solution is used as a yellow cytoplasmic stain

Description	Size	Qty.	Order Number
Mucicarmin stain kit	1 kit	ea.	87012
Components			
Tartrazine stain solution	500 mL	ea.	88012
Weigert's Iron Hematoxylin part A	500 mL	ea.	88028
Weigert's Iron Hematoxylin part B	500 mL	ea.	88029
Mucicarmin Stock solution	500 mL	ea.	88037

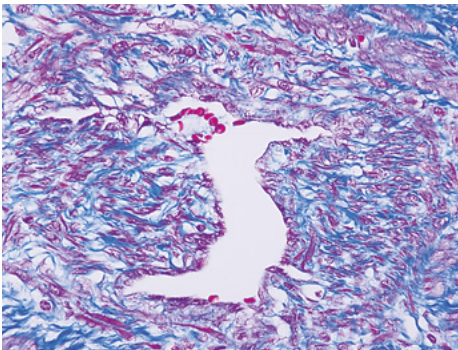


Gomori's Trichrome (Green Collagen)

Gomori's Trichrome (Green Collagen) is a one-step trichrome stain that provides distinctive red muscle fibers with green collagen staining.

- Used to study the diseases of connective tissue and muscle associated with fibrotic and dystrophic changes

Description	Size	Qty.	Order Number
Gomori's Trichrome (Green Collagen) stain kit	1 kit	ea.	87021
Components			
Weigert's Iron Hematoxylin part A	500 mL	ea.	88028
Weigert's Iron Hematoxylin part B	500 mL	ea.	88029
Gomori's Trichrome stain solution, Green Collagen	500 mL	ea.	88031
Bouin's Fluid	500 mL	ea.	88038
1% Acetic Acid solution	500 mL	ea.	88039



Gomori's Trichrome (Blue Collagen)

Gomori's Trichrome (Blue Collagen) is a one-step trichrome stain that achieves color differentiation similar to the Masson Trichrome with a simple, time-saving procedure.

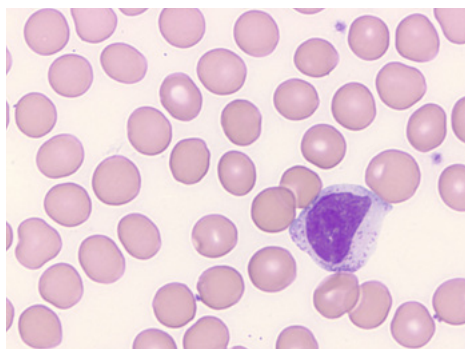
- Used to study the diseases of connective tissue and muscle associated with fibrotic and dystrophic changes
- Collagen is stained blue, cytoplasm and muscle fibers red and the nuclei blue to black

Description	Size	Qty.	Order Number
Gomori's Trichrome (Blue Collagen) stain kit	1 kit	ea.	87020
Components			
Weigert's Iron Hematoxylin part A	500 mL	ea.	88028
Weigert's Iron Hematoxylin part B	500 mL	ea.	88029
Gomori's Trichrome stain solution, Blue Collagen	500 mL	ea.	88038
Bouin's Fluid	500 mL	ea.	88038
1% Acetic Acid solution	500 mL	ea.	88039

Alternative Stains

Description	Size	Qty.	Order Number
Lugol's Iodine solution (concentrate)	500 mL	ea.	88114

Hematology Stains

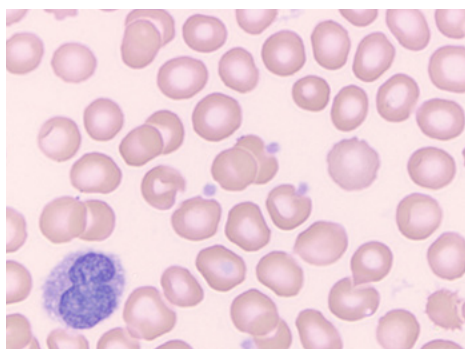


Wright Stain

Wright Stain is a dual-use stain for peripheral blood and bone marrow smears.

- Produces results similar to those of the Giemsa stain with a slightly greater contrast

Description	Qty.	Order Number
1 gal (3.8 L)	ea.	89010
2.5 gal cubitainer	ea.	89011
0.95 L (32 oz)	ea.	89012

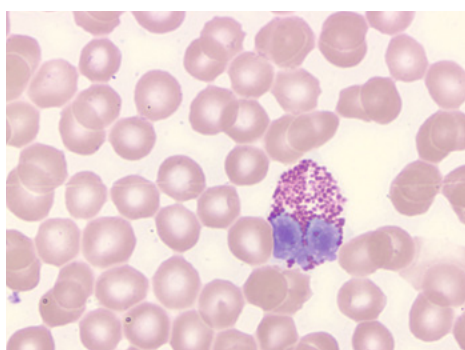


Buffered Wright Stain

Buffered Wright Stain is a single solution stain containing fixative, buffer and stain for rapid and convenient staining of blood smears.

- Packaged in a 32 oz (0.95 L) bottle for ease of use; suitable for use on automated systems

Description	Qty.	Order Number
32 oz (0.95 L) bottle	ea.	3111

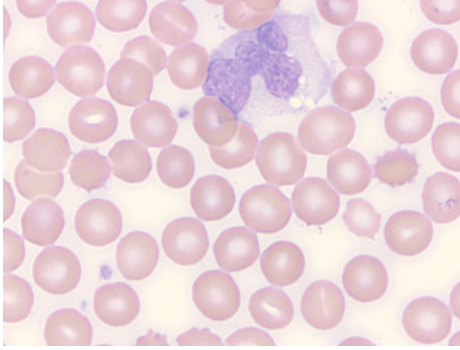


Wright-Giemsa Stain

Wright-Giemsa Stain is a dual-use stain for peripheral blood and bone marrow smears.

- Produces somewhat darker results compared with Giemsa, particularly in the blue to magenta shades

Description	Qty.	Order Number
32 oz (0.95 L) bottle	ea.	89013
1 gal (3.8 L) cubitainer	ea.	89014
2.5 gal (9.48 L) cube	ea.	89017

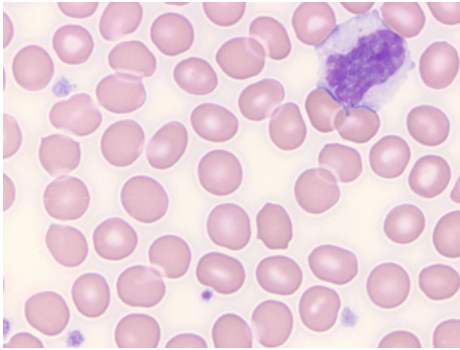


Buffered Wright-Giemsa Stain

Buffered Wright-Giemsa Stain is a single solution stain containing the fixative, buffer and stain for rapid and convenient staining of blood smears.

- Suitable for use on automated systems

Description	Qty.	Order Number
32 oz (0.95 L) bottle	12 / case	3121



May-Grunwald Stain

May-Grunwald Stain is a classical hematology stain.

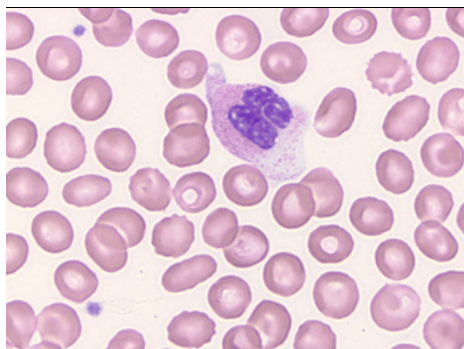
Description	Qty.	Order Number
32 oz (0.95 L) bottle	ea.	89027

Reticulocyte Stain

Reticulocyte Stain is a specialized hematology stain for identifying immature erythrocytes.

- Immature erythrocytes stain blue in a fine mesh network within the erythrocyte; mature erythrocytes do not stain

Description	Qty.	Order Number
125 mL bottle	ea.	89029

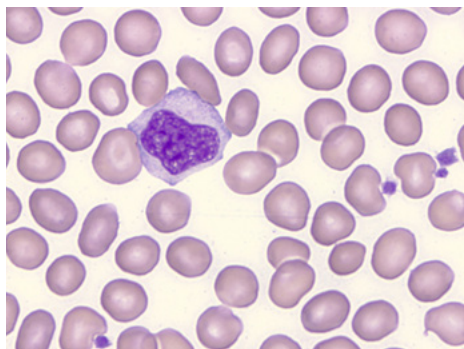


Jenner Stain

Jenner Stain is used for staining of peripheral blood smears.

- One of the oldest stain formulations still in use today
- Provides results similar to that of Giemsa stain
- Eosinophilic granules tend to appear brighter red, basophilic granules and nuclear chromatin stain a dense blue

Description	Qty.	Order Number
32 oz (0.95 L) bottle	ea.	89030



Three-Step Stain

Three-Step Stain Set provides results equal to Wright-Giemsa.

- Stain can be used to detect *H. pylori*
- Set contains three 500 mL bottles consisting of Fixative
- Package insert provides easy-to-follow instructions
- Components are also available in 1 gallon (3.8 L) containers to facilitate use on automated stainers

Description	Size	Qty.	Order Number
Three-Step stain set	3 x 500 mL	ea.	3300
Components			
Three-Step fixative	1 gal (3.8 L)	ea.	3303
Three-Step solution A	1 gal (3.8 L)	ea.	3313
Three-Step solution B	1 gal (3.8 L)	ea.	3323

Phosphate Buffer (6.6, 7.2)

Phosphate buffers for use with Giemsa, Wright and Wright-Giemsa stains.

- Each single-use bottle yields 0.26 gallon (1 Liter)

Description	Qty.	Order Number
Phosphate Buffer pH 6.6 (powder) 9.25 g	12/case	89032
Phosphate Buffer pH 7.2 (powder) 9.25 g	12/case	89033

Modified Wright and Wright-Giemsa Hematology Stain Packs

Modified Wright and Wright-Giemsa Stain Packs are manufactured to fit Hema-Tek™ 1, 1000 and 2000 slide stainers.

- Each pack comes in a convenient sleeve and contains a buffer, rinse and stain

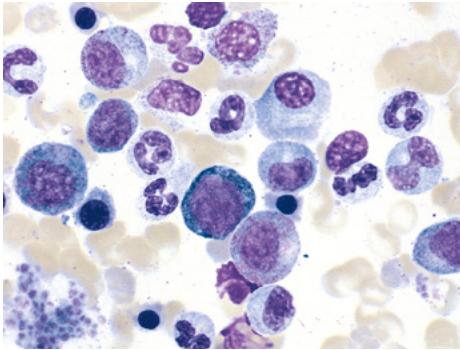


Description	Qty.	Order Number
Modified Wright stain pack	5 / pk	3000
Modified Wright-Giemsa stain pack	5 / pk	3005
Stain Pack Accessories		
Pump tube set (3 / pk)	8 / case	3010
Cannula set (3 / pk)	16 / case	3011
Under platen tubing (3 / pk)	8 / case	3012

Dry Powder Stains

Certified by the Biological Stain Commission.

Description	Qty.	Order Number
Wright stain 100 g	ea	90049



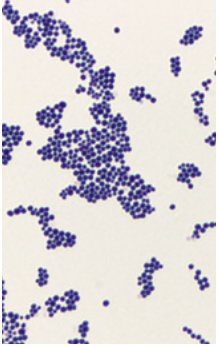
Kwik-Diff Stains

Kwik-Diff™ Stains are a quick alternative to traditional Wright's and Giemsa Staining procedures.

- Fast three-step differential stain for bone marrows, smears, FNAs and microorganisms such as *Helicobacter pylori*
- Kit components include: Reagent 1, Fixative; Reagent 2, Eosin; Reagent 3, Methylene Blue
- Available in kit form or as individual components

Description	Size	Order Number
Kwik-Diff stain kit	500 mL	9990700
Kwik-Diff stain kit	120 mL	9990701
Components		
Kwik-Diff Reagent 1, Fixative	1.06 gal (4 L)	9990705
Kwik-Diff Reagent 2, Eosin	1.06 gal (4 L)	9990706
Kwik-Diff Reagent 3, Methylene Blue	1.06 gal (4 L)	9990707

Microbiology Stains and Reagents



Gram Stain Kit (Film)

Gram Stain Kit (Film) provides qualitative differential staining of bacteria from cultures and patient specimens using a modified Hucker Gram stain method.

- Gram-positive microorganisms are stained purple and the Gram-negative bacteria stain pink to red

Description	Size	Qty.	Order Number
Gram stain kit (film)	1 kit	ea.	87101
Components			
Crystal Violet solution	500 mL	ea.	88101
Gram's Iodine solution	500 mL	ea.	88102
Safranin O stain solution	500 mL	ea.	88103
Decolorizing solution	500 mL	ea.	88104
Sodium Bicarbonate solution	8 mL	ea.	88116

Decolorizing Solution

Description	Size	Qty.	Order Number
Decolorizing solution	500 mL	ea.	88104

Gram Stain Kit

Gram stain can be used as routine bacteriologic stain on fixed smears and histological slides.

- Based upon the popular Hucker modification
- Demonstrates the presence of microorganisms such as bacteria and differentiates between Gram-positive and Gram-negative bacteria
- Safranin O provided as a counterstain
- Available in kit form or as individual components
- Kit components include: Crystal Violet Stain, Gram's Iodine (stabilized), Decolorizing Solution and Safranin O Counterstain

Description	Size	Order Number
Gram stain kit	125 mL	9990721
Gram Crystal Violet stain	1.06 gal (4 L)	9990725

Portable Staining Kits



Rapid-Chrome Papanicolaou Staining Kit

Rapid-Chrome™ Papanicolaou Staining Kit is excellent for rapid results of fine needle aspirations or high-risk specimens.

- Contains a five-slide holder and a portable tray
- Kit components include: Gill 2 Hematoxylin, bluing reagent, EA-50, 100% alcohol, OG-6, 95% alcohol, xylene and mounting medium, and one five-slide staining grip
- Packaged in 120 mL glass jars with screw top lids. 60ml reagent fill level
- 9 x 25 x 3.75 in. (22.8 x 63.5 x 9.5 cm)



Rapid-Chrome H&E Frozen Section Staining Kit

Rapid-Chrome H&E Frozen Section Staining Kit produces permanently stained slides. It includes Rapid-Fixx™, an economical, alcohol-based formalin ideal for fixing slides from frozen sections.

- Kit components include: Rapid-Fixx fixative, deionized water, Eosin-Y, xylene, Gill 3 Hematoxylin, bluing reagent, 100% alcohol and mounting medium, and five slide staining grips
- Packaged in 120 mL glass jars with screw top lids, 60 mL reagent fill level
- 9 x 18 x 4.75 in. (22.8 x 45.7 x 12 cm)



Rapid-Chrome Kwik-Diff Staining Kit

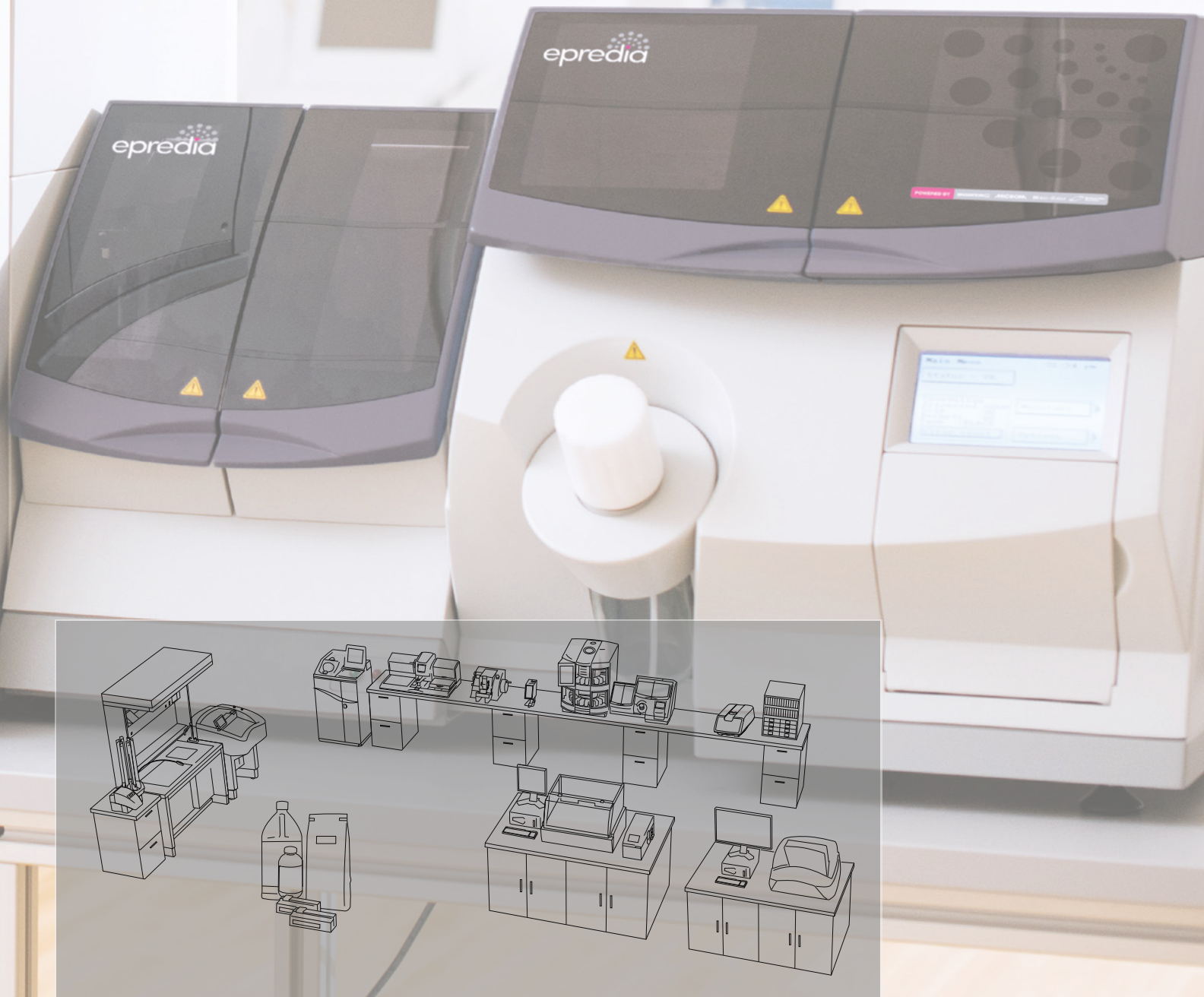
Rapid-Chrome Kwik-Diff™ Staining Kit is specially configured for performing quick, high-quality differential stains.

- Ideal for FNA carts
- Packaged in 120 mL glass jars with screw top lids, 60 mL reagent fill level
- Kit components include: Fixative, Methylene Blue, Eosin, spill-free slide jar, one plastic slide grip, Superfrost slides, 24 x 50, No. 1 Coverslip, resin mount mountant, and one cardboard slide folder
- 9 x 18 x 4.75 in. (22.8 x 45.7 x 12 cm)

Description	Qty.	Order Number
Papanicolaou stain kit	ea	9990020
H&E frozen section stain kit	ea.	9990001
Kwik-Diff staining kit	ea.	9990702

Coverslipping

freedom
through
innovation



Experience intuitive efficiency

Coverslipping can be a tedious task in your laboratory. EpreDia offers the ClearVue coverslipper with automated coverslipping technologies to streamline your workflow.

Walk-away Technology

- Place your stained slides in the ClearVue coverslipper and the system will automatically analyze the slide and tissue, selecting the optimum mountant volume and coverslip

Get it Done Faster

- EpreDia coverslippers have the power to coverslip hundreds of slides per hour, saving time and allowing you to focus on other tasks in your laboratory

Safety

- Internal vapor extraction systems prevent leakage of harmful fumes, protecting your staff
- Tool-free cleaning and maintenance making cleaning quick and easy

The Total Solution

- EpreDia coverslips and mountants are designed for optimized use with your EpreDia coverslipper
- Get peace of mind with EpreDia extended service contracts that include preventative maintenance and thorough, expedited repairs, ensuring minimal downtime in your laboratory



ClearVue Coverslipper



Simply place a basket of slides onto the load rail and close the door – the ClearVue™ coverslipper does the rest. Delivering speed and accuracy to complete the coverslipping workload for the busiest of laboratories, the ClearVue coverslipper accepts pre-loaded coverslip hoppers to deliver a clean, single coverslip consistently every time.

Compatibility

- Offers compatibility with a variety of stainers to accommodate almost any lab setting
- Accepts slide baskets directly from the:
 - Gemini slide stainer, Varistain™ 24-4, and Slide Basket Transfer System
 - Sakura DRS™ 2000
 - Leica™ Auto-Stainer™
- Slide baskets from any of these stainers can be loaded onto the ClearVue coverslipper in a mix or match fashion without making adjustments

Specimen Recognition

- Handles both histology and cytology samples simultaneously without user interaction while delivering user definable amount of mountant for each sample type

Load-on-Demand

- Load-on-demand capabilities can manage up to eleven slide baskets at the same time
- Load baskets one at a time or up to five baskets together

Optical Recognition

- Features unique ability to optically recognize and position slides during the coverslipping process
- Recognizes the position of each slide in a basket, removes each slide with a set of slide grippers and returns every slide while maintaining slide positioning

User Interface

- Intuitive user interface features a touch screen panel
- Software monitors the type of slide preparation, size and number of slips dispensed, and the number of baskets waiting to be coverslipped

Physical Specifications

Dimensions (D x W x H):
22.6 x 25.4 x 19.7 in.
(57.4 x 64.5 x 50 cm)

Weight:
106 lbs / 48 kg

Power requirements:
100-240 V; 50/60 Hz

Includes

Operator guide (English), operator guide CD (multi-lingual), case of two ClearVue coverslip hoppers; 24 x 40 mm, no.1.5 (1000 slips), set of three ClearVue slide baskets (Gemini-compatible) with black sliders, set of two mountant purge trays, ventilation filter, set of two soft hair brushes, set of three suction cups.

Safety Features

- System will not operate when any door is open, protecting the user
- Downdraft ventilation protects the user when loading and unloading slide baskets
- Charcoal filter removes any vapors before they can escape the unit
- Removable debris and purge trays make clean up quick and easy
- Battery backup ensures completion of any basket in process during power cut
- No need to handle and stack large quantities of coverslips

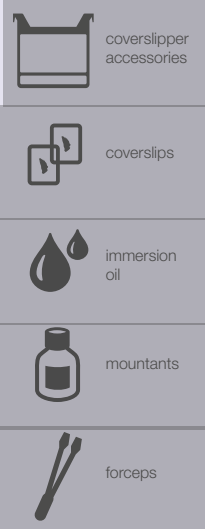
Description	Order Number
ClearVue coverslipper	A79200001

Accessories	Order Number
Shallow tray for loading baskets	A79210092
Drying stand for five baskets	A79210056
Single Charcoal Filter	9990610
Extraction ventilation kit	A79210202
Soft hair brush	P12257
Suction cups (3 / pk)	A79210081
Charcoal filter (6 / pk)	7411258

Did you know that Epredia offers a combined staining and coverslipping solution?

Checkout the Slide Basket Transfer System, compatible with the ClearVue coverslipper and Gemini AS slide stainer

You'll need:





Slide Basket Transfer System

The Slide Basket Transfer System (SBTS) eliminates the need to manually transfer slide baskets from the Gemini AS slide stainer to the ClearVue coverslipper

- Free up your team's time with automatic transfer from the Gemini AS slide stainer to the ClearVue coverslipper
- Simply place slides in the Gemini AS slide stainer and carry on with other tasks without distraction
- The system will alert you when the slides have finished coverslipping in the ClearVue coverslipper
- With a small footprint, the combined system of the Gemini AS slide stainer, Slide Basket Transfer System, and ClearVue coverslipper seamlessly fits into virtually any laboratory workflow
- Compatible with the Gemini AS and ClearVue systems made after February 2018 only

Physical Specifications

Dimensions (D x W x H):
20.9 x 13.8 x 16.9 in
(53 x 35 x 43 cm)

Weight:
44 lbs, 20 kg

Power requirements:
100-240 Vac, 50/60 Hz, 600 VA

Dimensions (Gemini AS
+ SBTS + ClearVue):
31.1 x 61.8 x 35 in
(79 x 157 x 89 cm)

Weight (Gemini AS
+ SBTS + ClearVue):
365 lbs, 165 kg

Description	Order Number
Slide Basket Transfer System	A84500001

Accessories	Order Number
SBTS baskets (5) black	A84510032
SBTS baskets (5) white	A84510041
Operator guide	A84510100
Documentation CD	A84510100-CD
Xylene tray	A84530101
Manual unload tool	A84530110
Wash bottle*	AP18730

*Not an IVD Medical Device and is not intended for diagnostic purposes

Coverslipper Accessories



ClearVue Coverslip Hoppers

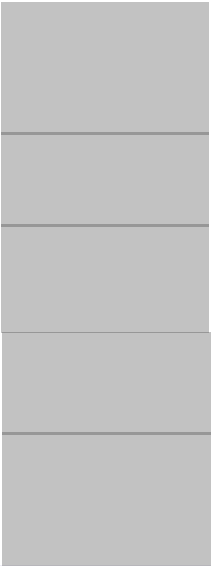
- For effortless integration into your laboratory
- Preloaded with 500 or 575 slips each
- No manual handling of glass
- A clean coverslip dispensed each and every time for superior reliability

Description	Qty.	Order Number
Clearvue Coverslip Hoppers, 0.13 - 0.17 mm thick		
24 x 50 mm #1	575 / hopper, 2 hoppers / case	A79210166
Clearvue Coverslip Hoppers, 0.16 to 0.19 mm thick		
24 x 40 mm #1.5	500 / hopper, 2 hoppers / case	A79210050
24 x 50 mm #1.5	500 / hopper, 2 hoppers / case	A79210051
24 x 55 mm #1.5	500 / hopper, 2 hoppers / case	A79210052



ClearVue Baskets

- Allow equipment compatibility with a variety of different stainers
- Can be loaded in mix-and-match fashion
- Baskets and hangers sold in sets of five



Coverslips

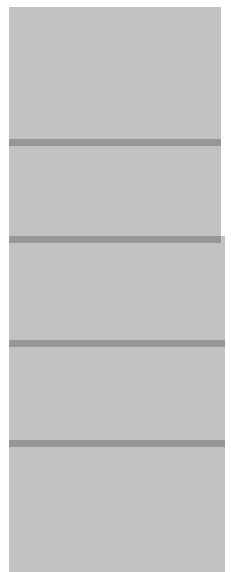


Standard Coverslips

- Manufactured with colorless borosilicate glass
- All cover slips feature a high-spectral-transmission quality and a finely adaptive refractive index suited for microscopy
- Available in a variety of sizes, thicknesses, and shapes, including squares, rectangles, and circles

Coverslips for Automated Systems

- Uniquely developed to minimize sticking and can be used in automated cover slippers or for manual use in humid environments
- Manufactured with colorless borosilicate glass
- All cover slips feature high-spectral-transmission quality and a finely adaptive refractive index suited for microscopy
- Available in a variety of sizes, thicknesses, and shapes





Resolve Immersion Oil

- Resolve™ Immersion Oil is a clear, colorless oil that allows light transmission throughout most of the UV-VIS spectrum
- Manufactured using a proprietary process that removes interfering substances and will not damage valuable optics or irreplaceable slide specimens
- Available in both low- and high-viscosity, is non-drying and non-hardening and has a refractive index of 1.5150
- Contains no PCB's, eliminating toxicity and disposal problems
- Conveniently packaged in four sizes

Description	Size	Qty.	Order Number
Low viscosity	0.5 oz	12	M2000
High viscosity	0.5 oz	12	M2004
Low viscosity	1 oz	12	M3000
High viscosity	1 oz	12	M3004
Low viscosity	4 oz	12	M4000
High viscosity	4 oz	12	M4004
Low viscosity	16 oz	12	M5000
High viscosity	16 oz	12	M5004

Coverslipping Mountants



Signature Series Mounting Medium

Signature Series Mounting Medium is miscible with all clearing agents including xylene substitutes.

- Rapid drying
- Toluene base
- Optically clear
- Will not cause fading of stains even after prolonged storage
- Viscosity: low (approx. 113 cPs)

Description	Qty.	Order Number
4 oz (118 mL)	6 / case	4112
1 pt (0.4 L)	2 / case	4111

ClearVue-Approved Mounting Media

Description	Qty.	Order Number
ClearVue-approved mount toluene-based 1 pt (473 mL)	2 / case	4211
ClearVue-approved mount xylene-based 1 pt (473 mL)	2 / case	4212

Cytoseal 60 and 280

Cytoseal 60 and 280 Mounting Media is a clear, colorless, toluene-based mounting media formulated from acrylic resins. The addition of antioxidants inhibits fading or yellowing of stained specimens.

- Will not crack or discolor with age
- Cytoseal 60 mountant is a low-viscosity medium that dries quickly (viscosity approx. 60 cPs)
- Cytoseal 280 mountant is a high-viscosity medium for applications where minimal spreading is desired or without a cover glass (viscosity approx. 280 cPs)



Description	Qty.	Order Number
Cytoseal 60; 4 oz	12 / case	8310-4
Cytoseal 60; 16 oz	12 / case	8310-16
Cytoseal 280; 4 oz	12 / case	8311-4

Cytoseal XYL

Cytoseal XYL mounting media contains an antioxidant to inhibit the fading or yellowing of stained specimens.

- Xylene-based
- Rapid drying allows microscopic examination of slides soon after application
- Packaged in a 4 oz bottle with a twist-open/twist-closed cap
- Viscosity: low (approx. 95 cPs)



Description	Qty.	Order Number
4 oz	12 / case	8312-4

Shandon-Mount

Shandon-Mount permanent mounting medium is ideal for conventional coverslipping

- Economical, organic, overnight-drying liquid coverslip
- Toluene base
- Refractive index: 1.495 +/- 0.005 (dry)
- Viscosity: low (approx. 96 cPs).



Description	Qty.	Order Number
60 mL	ea.	1900331
120 mL	ea.	1900333
500 mL	2 / case	9990435



Immu-Mount

Immu-Mount™ is an aqueous base for immunostaining and other techniques.

- Non-permanent mountant
- Economical, organic, overnight drying liquid coverslip
- Aqueous base for immunostaining and other techniques
- Non-fluorescing medium with a low viscosity
- Resists fading and polymerises quickly for easier handling of finished slides
- Refractive index: 1.495 +/- 0.002 (liquid); 1.586 +/- 0.002 (dry)
- Viscosity: low (approx. 140 cPs)
- pH: 8.0 from 8.8 at 21 °C to 24 °C

Description	Qty.	Order Number
20 mL	ea.	9990402
20 mL	6 / case	9990412
1 L	ea.	9990414



Xylene Substitute Mountant

Xylene Substitute mountant is formulated specifically for use with the Xylene Substitute.

- A permanent, organic mounting medium
- Compatible with all routine xylene substitute clearing agents
- Toluene base
- Refractive index: 1.495 +/- 0.005 (dry)
- Viscosity: medium (approx. 180 cPs)

Description	Qty.	Order Number
60 mL	ea.	1900231
120 mL	ea.	1900233
500 mL	2 / case	9999122



EZ-Mount

- Permanent and organic mountant
- Xylene base
- Refractive index: 1.495 +/- 0.005 (dry)
- Viscosity: high (approx. 2034 cPs)

Description	Qty.	Order Number
500 mL	2 / case	9999120



Synthetic Mountant

Synthetic Mount is a permanent, organic mountant.

- Toluene base
- Refractive index: 1.495 +/- 0.005 (dry)
- Viscosity: medium (approx. 185 cPs)

Description	Qty.	Order Number
500 mL	2 / case	6769007

Coverslipping Forceps

Coverglass Thumb Forceps

Coverglass Dissection Forceps are available in premium and standard grades.

- Flat, square-end tips
- Properly hardened, tempered and passivated
- Electronically polished and cleaned for a high-quality finish
- Patterns, dimensions and finish held to exacting standards, producing the finest instruments available
- Guaranteed to be free from defects in material and workmanship



Description	Qty.	Order Number
4.75 in. (12.1 cm)	ea.	19040

Kuehne Coverglass Thumb Forceps

- Coverglass Thumb Forceps feature angled tips
- Flat, square-end tips
- Properly hardened, tempered and passivated
- Electronically polished and cleaned for a high-quality finish
- Patterns, dimensions and finish held to exacting standards, producing the finest instruments available
- Guaranteed to be free from defects in material and workmanship

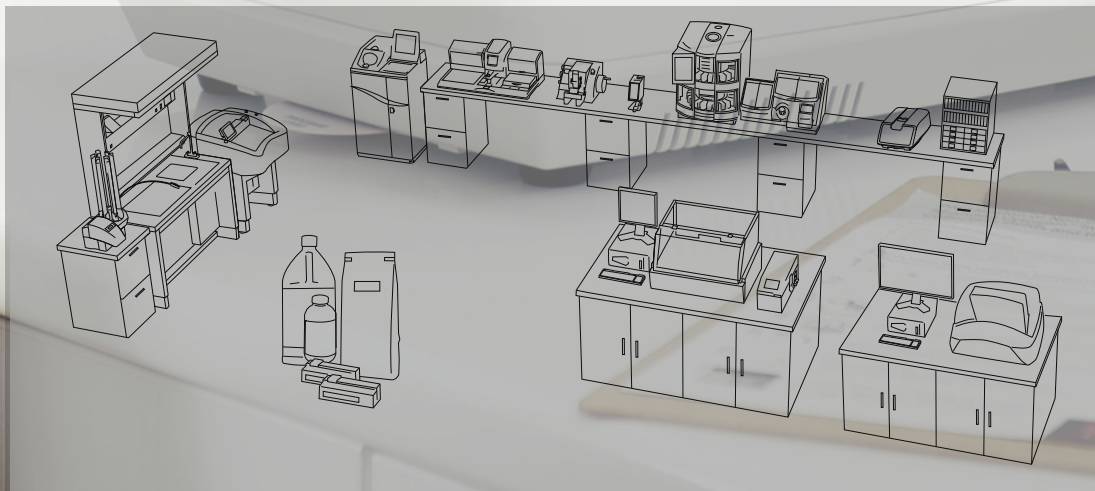


Description	Qty.	Order Number
4.75 in. (12.1 cm)	ea.	19060

Forceps are not approved for IVD use.

Cytology

quality, reliable
laboratory
solutions



Adopt efficiency, maintain integrity

Epredia Cytospins and consumables have been synonymous with cytocentrifugation for over 40 years. Used in laboratories around the world, they have enabled laboratories to process cytology samples efficiently, providing economical thin-layer preparations from any liquid matrix.

Reliable Quality

- Maintain cellular integrity and carefully separate and deposit cells in a monolayer
- Ready-to-use reagents for quick turn around time

Adaptive and Convenient

- Use for cytology, virology, microbiology, hematology oncology, and research/general use
- Removable program card allows for up to nine programs to be logged

The Total Solution

- Enhance the use of your Cytospin with a wide variety of high quality Epredia cytology consumables, including funnels, slides, and fixation solutions
- Get peace of mind with Epredia extended service contracts that include preventative maintenance and thorough, expedited repairs, ensuring minimal downtime in your laboratory





Cytospin 4 Cytocentrifuge

The Cytospin™ 4 cytocentrifuge has been synonymous with cytocentrifugation for over 50 years and is used in laboratories around the world.

When combined with EpreDia cytology consumables, it provides economical thin-layer preparations from any liquid matrix, especially hypocellular fluids such as spinal fluid and urine.

Convenience and Speed Spun into One

- Process twelve specimens at one time, allowing for several protocols at once
- Accepts all protocols from previous generations of Cytospin cytocentrifuges
- Lid release mechanism allows for one-handed opening and closing
- Removable program card allows for up to nine programs to be logged for fast and convenient reference, and protected program memory stores up to 23 routines for instant recall
- Control panel allows user to control power and time, and monitor speed
- Specimen safety alarm feature reminds users at one-minute intervals to remove specimens, protecting them from air-drying

Simple Principle for Excellent Presentation

- Using centrifugal principles, the cytocentrifuge deposits cells onto a clearly defined area of a glass slide and allows for the absorption of the residual fluid into the sample chamber's filter card
- Cytocentrifugation constructively flattens cells for excellent nuclear presentation
- The instrument's spinning action tilts the Cytofunnel sample chamber upright and centrifuges cells onto the deposition area of the slide, creating a cellular monolayer that provides all cell types equal opportunity for presentation
- In the "load" or "stop" position, this unique tilting feature reduces cell loss by preventing residual fluid from coming into contact with the prepared slide

Designed for User Safety

- Only operates when the lid is locked and remains locked during rotation
- Polycarbonate window allows the operator to see the sealed head during cytocentrifugation

Physical Specifications

Dimensions (D x W x H):

With closed lid:

24.5 x 16 x 9.5 in. (62 x 40.5 x 24 cm)

With open lid:

24.5 x 16 x 25 in. (62 x 40.5 x 62.5 cm)

Weight:

26.5 lbs / 12 kg

Power Requirements:

100-240 V, 50/60Hz, 150 VA, 5A

250 V, T5A 250 V

Includes:

Cytospin 4 cytocentrifuge, sealed head/rotor, marking pen, operator guide, service record book and standard workflow diagram.

Multiple Applications:

Research/General Use

- A cost-effective and time-effective way to make quality thin-layer cell preparations
- Excellent for molecular studies, specialized staining applications and EM
- Used in veterinary, dental and chemosensitivity protocols

Cytology

- Excellent performance for non-gynecological cytology, especially hypocellular fluids
- Variety of collection fluids and funnel options available
- Prepares both air-dried and fixed specimens
- Can be used for liquid-based cytology (LBC) applications

Microbiology

- Microorganisms are often present in low numbers from limited sample volumes; Cytocentrifugation effectively spins the microorganisms onto the slide, maximizing the yield and presenting those organisms in a clean, defined area, allowing for straightforward morphological identification
- Only a small sample volume is needed so multiple samples may be run for a variety of special staining and support testing procedures
- Concentrates samples for Gram stains

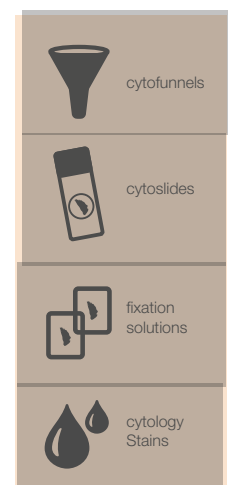
Hematology/Oncology

- Easy to achieve a constant cell/unit volume
- Excellent for all fluids, bone marrow and peripheral blood

Description	Order Number
Cytospin 4 unit only	A78300003 A78300002 (EMEA)
EZ Funnel starter kit	A78710013
Clipped Funnel starter kit*	3120110

Accessories	Order Number
Additional sealed head	59910018
Sealed head seals (3 / pack)*	59910019

You'll need:



*Not an IVD Medical Device and is not intended for diagnostic purposes

EZ Cytofunnel Sample Chambers

EZ Cytofunnel™ General Features

- For single use with all EpreDia Cytospin cytocentrifuge applications
- Optimizes cell yield
- Produces cost-effective, thin-layer preparations
- Reduces the risk of exposure to pathogenic samples by depositing cells directly onto glass slide
- Disposable to eliminate time-consuming decontamination and cleaning
- Decreases the possibility of cross-contamination with single use
- Eliminates the need for metal Cytoclips™ slide clip



EZ Single Cytofunnel with White Filter Cards

EZ Single Cytofunnel™ is a disposable sample chamber with white filter card and cap. Made for high absorbency.

- Use for sample volumes from 0.1-0.5 mL
- Cell deposition area of 6 mm in diameter (28 mm²)
- Pre-attached white filter card for high absorbency

Qty	Order Number
40 / box	A78710003
200 / case	A78710020



EZ Single Cytofunnel with Brown Filter Cards

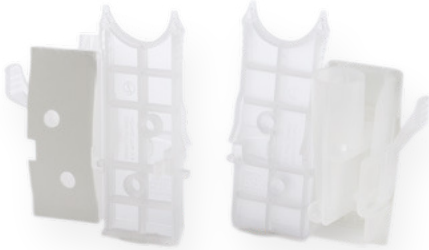
EZ Single Cytofunnel is a disposable sample chamber with brown filter card and cap. Made for slower absorbency.

- Use for sample volumes from 0.1-0.4 mL
- Cell deposition area of 6 mm in diameter (28 mm²)
- Pre-attached brown filter card for slower absorbency; increases cell yield
- Excellent for hypocellular specimens such as cerebrospinal fluid

Qty	Order Number
40 / box	A78710004

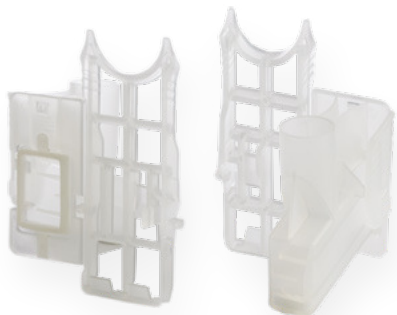
EZ Double Cytofunnel

EZ Double Cytofunnel™ is a disposable sample chamber with white filter card and cap.



- Use for sample volumes from 0.05-0.25 mL per chamber
- Allows two sample deposition areas on a single slide; each area measures 6 mm in diameter (28 mm²)
- Double the number of sample presentations per run
- Funnel markings correspond to slide markings for simple identification
- Pre-attached white filter card for high absorbency
- Ideal for use with immunochemistry techniques

Qty	Order Number
40 / box	A78710005
200 / case	A78710021



EZ Megafunnel with Cap and Slide

EZ Megafunnel™ is a disposable, high-volume sample chamber with cap.

- Designed for spinning large samples from 0.5-6 mL
- Cell deposition area of 22 x 14.75 mm (325 mm²) for increased cell yield
- Minimizes the need to pre-centrifuge
- Prepares both air-dried and fixed preparations, providing additional valuable diagnostic information

Qty	Order Number
25 / box	A78710001

Cytofunnels

Cytofunnel General Features

- Fit snugly against a specially marked Cytoslide
- Held in place with a stainless steel Cytoclip
- Cytoclips easily unlock to dispose of the sample chamber and to remove the slide
- Twelve assemblies fit into the Cytospin head
- Include caps and easy-to-use operational illustrations



Single Cytofunnel with White Filter Cards

Single Cytofunnel is a disposable sample chamber with white filter card and cap. Made for high absorbency.

- Use for sample volumes from 0.1-0.5 mL
- Cell deposition area of 6 mm in diameter (28 mm²)
- Pre-attached white filter card for high absorbency
- Requires the use of stainless steel Cytoclips

Qty	Order Number
50 / box	5991040
500 / case	1102548



Single Cytofunnel with Brown Filter Cards

Single Cytofunnel is a disposable sample chamber with brown filter card and cap. Made for slower absorbency.

- Use for sample volumes from 0.1-0.4 mL
- Cell deposition area of 6 mm in diameter (28 mm²)
- Pre-attached brown filter card for slower absorbency; increases cell yield
- Excellent for hypocellular specimens such as cerebrospinal fluid
- Requires the use of stainless steel Cytoclips

Qty	Order Number
50 / box	5991043



Double Cytofunnel

Double Cytofunnel is a disposable sample chamber with white filter card and cap.

- Use for sample volumes from 0.05-0.25 mL per chamber
- Allows two sample deposition areas on a single slide; each area measures 6 mm in diameter (28 mm²)
- Funnel markings correspond to slide markings for simple identification
- Pre-attached white filter card for high absorbency
- Ideal for use with immunochemistry techniques
- Requires the use of stainless steel Cytoclips

Qty	Order Number
25 / box with caps	5991039
500 / case	1102547

Cytoclip Stainless Steel Slide Clip

Cytoclip™ Stainless Steel Slide Clips hold the Cytofunnel sample chamber against the microscope slide during cytocentrifugation.

- For preparation in the Cytospin cytocentrifuge
- Autoclavable and reusable



Qty	Order Number
6 / box	59910052



TPX Single Sample Chamber, Caps, and Filter Cards

TPX Single Sample Chamber is a reusable sample chamber used in conjunction with a closure cap, Cytoclip and disposable filter card.

- Use with disposable white filter cards for routine sample volumes from 0.1-0.5 mL
- Use with disposable brown filter cards for hypocellular sample volumes from 0.1-0.4 mL or less
- Reusable
- Autoclavable

Filter cards

Highly absorbent disposable filter cards for use with TPX chamber

- Not for use with Cytofunnel disposable sample chambers
- Each filter card has two holes to ensure proper orientation with the TPX sample chamber
- White filter cards are used for high absorbency
- Brown filter cards are used for slower absorbency (hypocellular)

Description	Qty.	Order Number
TPX sample chamber	12 / case	A78710018
Closure caps	12 / case	59910025
Brown filter cards	200 / box	5991023
White filter cards	200 / box	5991022

Cytoslides

General Features

- Specimen area is outlined for rapid location during screening
- Made from fine white glass, manufactured to high quality standards
- Slides are pre-cleaned, thin, flat, and feature finely ground edges.

Coated Cytoslides

- Eliminate the need for albumin coating procedures
- Save labor and resource time
- Coated adhesion Cytoslides are designed to secure cytology preparations
- Coating features a chemistry based on silane

Contact your sales representative for more information.



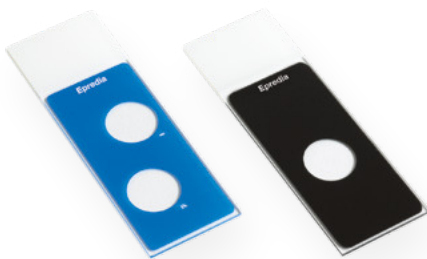
Single Cytoslides

- Improve processing and visualization of small-volume specimens with Single Cytoslides™, for use with EZ Single Cytofunnels
- Slides feature a white tab and 13 mm diameter ring that defines the cell display area to allow for efficient and rapid location
- Uncoated single 13 mm ring Cytoslides are available with the ring on front or back of slide
- Coated single 13 mm ring Cytoslides feature the ring on the back of slide only



Double Cytoslides

- Use Double Cytoslides™ with EZ Double Cytofunnel Chambers
- Slides feature a blue tab and two blue 13 mm diameter rings that define the cell display area to allow for efficient and rapid location
- Each specimen is displayed within a numbered ring marked as 1 or 2 that corresponds with the Cytofunnel chamber
- Uncoated and coated double 13 mm ring Cytoslides are available with the rings on back of slide only



Mask Cytoslides

- Mask out UV light to restrict microscope viewing to the specimen with Mask Cytoslides™
- Mask Cytoslides are used for immunofluorescence and feature white tabs
- Single Mask Cytoslide features a black mask printed on front of slide with one 13 mm well
- Double Mask Cytoslide features a blue mask printed on front of slide with two 13 mm numbered wells

Fixation Solutions



Mucolytic Agent

- Mucolytic Agent is specially formulated to preserve and liquefy mucoid cytology specimens to optimize diagnostic results
- Maintains cell morphology and staining characteristics of fresh and unfixed cytology specimens
- Specimens may be stored within this solution indefinitely with no adverse effects
- Tinted for easy specimen identification

Description	Qty.	Order Number
1 pint (0.47 L)	4 / case	76166
1 gal (3.8 L)	ea.	76167



Saccomanno Fluid

- Saccomanno Fluid is a general purpose cytology fixative especially suited for upper respiratory tract specimens - most notably, sputum
- Ready-to-use fixative is an alcohol and polyethylene glycol (Carbowax™) solution
- Permits storage of specimens for weeks
- Prevents air-drying artifact
- Clear containers and tinted solution make specimen identification easy
- Each prefilled container is labeled with a “do not drink” warning, as specimens may be collected at home

Description	Qty.	Order Number
120 mL	72 / case	76160
1 gal (3.8 L)	4 / case	76161



Fix-Rite 2

- Fix-Rite™ 2 solution is a Carbowax™-containing spray fixative used for routine cytological preparations
- Coating protects cells when mailing or transporting slides to the laboratory; prevents air-drying artifact
- Packaged in 4 oz containers to allow the user complete control during application

Description	Qty.	Order Number
Pump spray bottle	12 / case	76150



Cytopsin Collection Fluid

Cytopsin Collection Fluid is packaged in several forms, including convenient pump bottle or pre-filled specimen containers.

- Ready-to-use alcohol/Carbowax polyethylene glycol combination for direct specimen collection and fixation
- Permits storage of specimens or unstained slides for weeks without adverse effect

Description	Qty.	Order Number
Pump Bottle		
4 L (1.06 gal)	ea.	6768001
Bottle		
500 mL (0.13 gal)	2 / case	6768315
10 L (2.64 gal) cubitainer	2 / case	9990310
Cups		
120 mL, filled to 60 mL	125 / case	9990323



Cell-Fixx Spray Adhesive

Cell-Fixx™ Spray Fixative allows for convenient preparation of slides.

- Includes Carbowax, which coats the smear to maintain cellular detail
- Prevents air drying artifact and cell loss
- Supplied in pump bottle

Description	Qty.	Order Number
50 mL	6 / case	6768326



CytoRich Red Collection Fluid

CytoRich™ Red Collection Fluid lyses RBC's and solubilizes proteins.

- Ready-to-use, alcohol-based fluid
- Compatible with immunohistochemistry
- Pre-filled containers and pre-filled vials available

Description	Qty.	Order Number
Bottle		
500 mL (0.13 gal)	2 / case	B9990801
4 L (1.06 gal)	ea.	B9990800
Pre-filled Cups		
20 mL, filled to 10 mL	180 / case	B9990802
120 mL, filled to 60 mL	125 / case	B9990803
Pre-filled Vials		
50 mL, filled to 15 mL (AMER/EMEA)	100 / case	B9990804
50 mL, filled to 15 mL (APAC)	100 / case	B9990804CR



Mucolexx

- Liquefies (with agitation) mucoid cytology specimens
- Maintains cellular detail
- Short-term preservation of specimens
- Ready-to-use mucoliquefying preservative

Description	Qty.	Order Number
Bottle		
500 mL (0.13 gal)	2 / case	9990370
4 L (1.06 gal)	ea.	9990371
Cups		
120 mL, filled to 60 mL	50 / case	9990375

Cytology Stains



Signature Series Cyto-Stain

Signature Series Cyto-Stain™ is a uniquely formulated cytoplasmic stain that produces results similar to conventional Papanicolaou stains.

- Cyto-Stain provides a full range of familiar cytoplasmic colors and allows the user control over the staining intensities
- Cyto-Stain G is a modification to produce greener cyanophilic hues in intermediate and basal cells
- Use for all gynecological and non-gynecological procedures
- Cost-effective because user performs only one counterstain, not two
- Reduces staining time

Description	Qty.	Order Number
Cyto-Stain		
1 pint (0.47 L)	4 / case	7511
1 gal (3.8 L)	ea.	7501R
Cyto-Stain G		
1 gal (3.8 L)	ea.	7501G

Signature Series Cyto-Stain

Papanicolaou Stain OG-6 stains are used to stain keratinized areas of the cell.

- Modified OG is a Gill modification that minimizes precipitation and reduces staining time
- Use OG stains with EA-36 or EA-50 when staining gynecological specimens
- Use OG stains with EA-65 for staining non-gynecological specimens

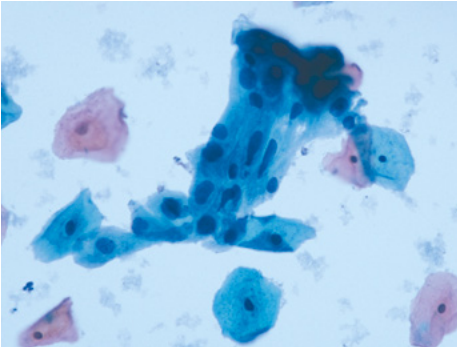
Description	Qty.	Order Number
OG-6		
1 pint (0.47 L)	4 / case	75204
1 gal (3.8 L)	ea.	75211
2.6 gal cube (9.5 L)	ea.	75225
Modified OG		
1 gal (3.8 L)	ea.	75311

Papanicolaou Stain EA, Series R

- Papanicolaou Stain EA provides brilliant cytoplasmic staining for gynecological and non-gynecological specimens
- Different formulations offer the user control of the color intensities and hues
- EA-36 and EA-50 are used in conjunction with OG-6 for gynecological staining
- EA-65 is used with OG-6 for non-gynecological staining
- Modified EA is a Gill modification that minimizes precipitation, reduces staining time and does not contain Bismarck Brown; designed to be used with Modified OG

Description	Qty.	Order Number
EA-36		
1 pint (0.47 L)	4 / case	75404
1 gal (3.8 L)	ea.	75411
EA-50		
1 pint (0.47 L)	4 / case	75504
1 gal (3.8 L)	ea.	75511
2.5 gal cube (9.5 L)	ea.	75525
EA-65		
1 pint (0.47 L)	4 / case	75604
1 gallon (3.8 L)	ea.	75611
2.5 gal cube (9.5 L)	ea.	75625
Modified EA		
1 pint (0.47 L)	4 / case	75704
1 gal (3.8 L)	ea.	75711

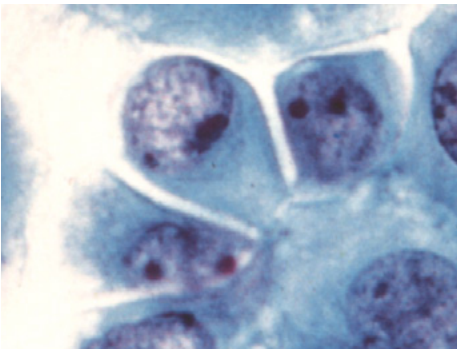
Cytology Stains



EA-50 Stain

- Clearly differentiates cellular components with pink, green and blue-green hue
- Polychromatic cytoplasmic stain

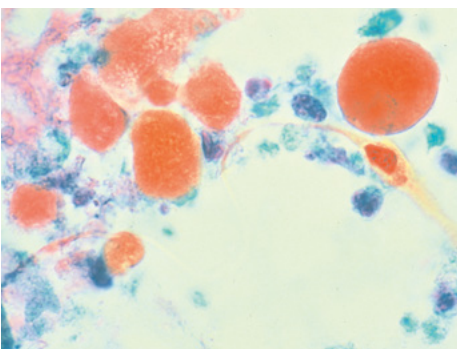
Description	Qty.	Order Number
1 L (0.26 gal)	2 / case	6766001
4 L (1.06 gal)	ea.	6766002



EA-65 Stain

- Clearly differentiates cellular components with pink, green and blue-green hue
- Polychromatic cytoplasmic stain
- Lower concentration of light green improves expression of eosin-stained components

Description	Qty.	Order Number
1 L (0.26 gal)	2 / case	6766003
4 L (1.06 gal)	ea.	6766004



OG-6 Stain

- Demonstrates keratin in cytoplasm

Description	Qty.	Order Number
1 L (0.26 gal)	2 / case	6766005
4 L (1.06 gal)	ea.	6766006

Cell Preparation Systems



Octospot

Octospot™ is a cell preparation system used in conjunction with the EpreDia Cytospin for studies involving small volume samples.

- Cyto-centrifuge cells from 8-well microliter strips directly onto a microscope slide (96 spots per spin); turn eight slides into one
- Incorporates an 8-well strip, an 8-well slide, a holding block and a filter card assembled in a standard stainless steel Cytoclip
- Solvent-resistant slides retain separate reagents in individual wells to prevent cross-contamination

Description	Qty.	Order Number
Thick-filter cards	100 / pack	1001641
8-well strips, loose	60 / bag	1001642
Solvent-resistant slides, 8 spots	100 / box	1001645
Coverglass, 22 x 70 mm, #1.0 thickness	1 oz / pack x 10	1001624



Cytoblock Cell Block Preparation System

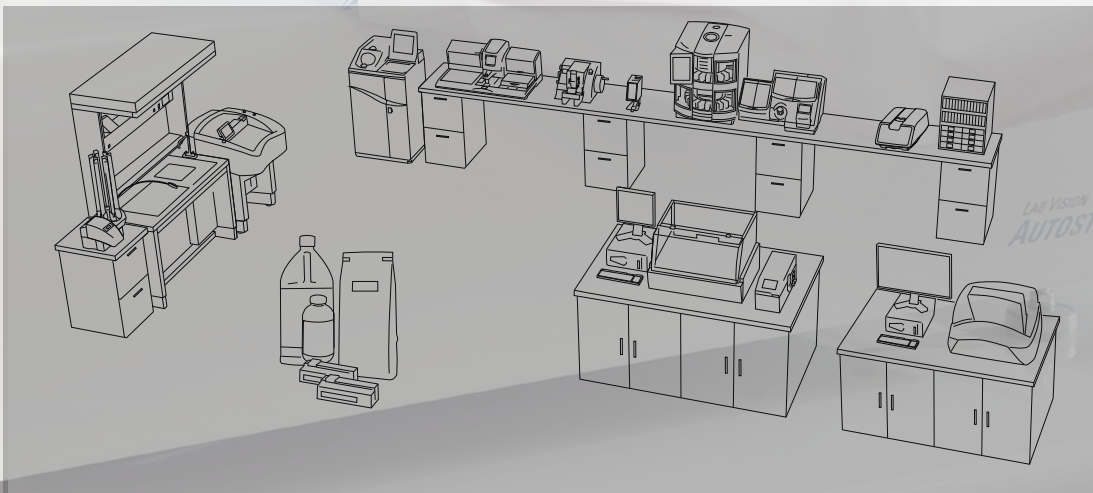
Cytoblock™ Cell Block Preparation System is used in conjunction with the Cytospin and facilitates processing of FNA's, tissue fragments and cell buttons.

- Increases ability to process scanty or unseen material for cell block and reduces loss of critical material
- Replaces time-consuming, costly agar and thrombin techniques
- Requires phosphate-free fixative on processor, such as Zinc Formal-Fixx™, Formal-Fixx or Glyo-Fixx™ (formalin substitute) fixatives; or manually fix and bypass phosphate-buffered formalin fixation steps on processor
- Processes 50 specimens and includes 50 Cytoblock cassettes with inserts, one bottle of Setting Reagent and one bottle of Gelling Reagent
- Suitable for immunohistochemical techniques

Description	Order Number
Cytoblock cell block kit	7401150
Replacement reagents	7401151

Immunohistochemistry

precise results



LAB VISION
AUTOSTAINER

Achieve accurate results with outstanding quality

Accurate and reproducible immunohistochemistry is essential in research and diagnostics. Whether performing research assays on precious samples or catering to a patient awaiting timely and precise results, Eprelia Immunohistochemistry solutions deliver high quality results.

Flexible

- Autostainer 360, 480S, and 720 offer fully open platforms for ultimate customization of reagent layout
- Accommodates customized protocols and reagent delivery
- Slides are rapidly transferred from the PT Module™ to the Autostainer on racks compatible to both

Robust

- Proven, dependable technology trusted by laboratory staff for years
- Standardized heat-induced epitope retrieval with the PT Module, protecting your staff from harmful fumes by providing safe, solvent-free de-waxing

Accurate

- Advanced reagents drive enhanced sensitivity, producing high-quality, accurate results

The Total Solution

- Achieve accurate and specific results in immunohistochemical assays with our array of detection technologies designed to meet the needs of both the clinical and research market
- Get peace of mind with Eprelia extended service contracts that include preventative maintenance and thorough, expedited repairs, ensuring minimal downtime in your laboratory

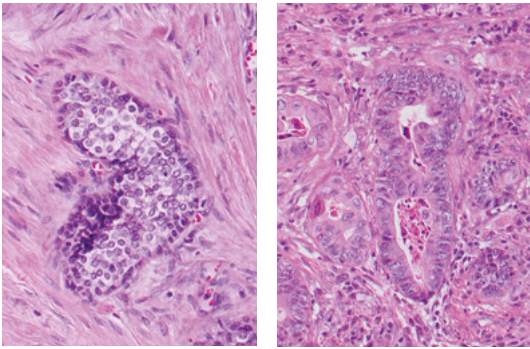


Immunohistochemistry Workflow

When test results determine the diagnosis, prognosis and potential treatment of patient disease, achieving accurate, reproducible results in the shortest period of time is crucial. Eprelia Immunohistochemistry products provide a comprehensive set of high quality and affordable solutions to bring further standardization to today's laboratories.

Used as a system, Eprelia instrumentation, advanced reagents, and specimen verification are the standardized solution for your Immunohistochemistry laboratory. Standardization with quality results brings consistency, and with the Eprelia IHC solution, you can rest assured that your process will provide accurate results, time and again.

The following workflow diagram demonstrates the complete Eprelia Immunohistochemistry solution.

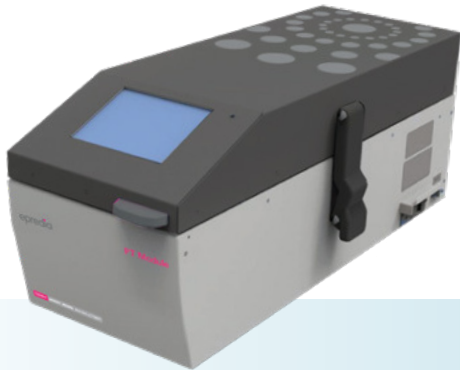


1 IHC Sample Request

When Immunohistochemistry (IHC) tests are requested, you require a system that can ensure accurate, reproducible results in the shortest time possible.

2 Improved Sample Verification

Eliminate manual steps and reduce the potential for patient identification errors. The Eprelia IHC system can read SlideMate labeled slides, printed on-demand at any microtome, eliminating time-consuming manual data entry and/or the need to hand-label IHC slides.



3 Standardized Antigen Retrieval

Slides receive precise computer-controlled antigen retrieval in the PT Module, which can also perform heat-induced deparaffinization.

4 One-Step Transfer

Slides rapidly transfer from the PT Module to the Autostainer in one step, maintaining throughput while significantly reducing costs.



5 Epredia Autostainer

Slides are stained in the fully open Autostainer that leaves laboratories in control of costs and test parameters. The proven record for consistency and dependability minimizes downtime and ensures quality results.

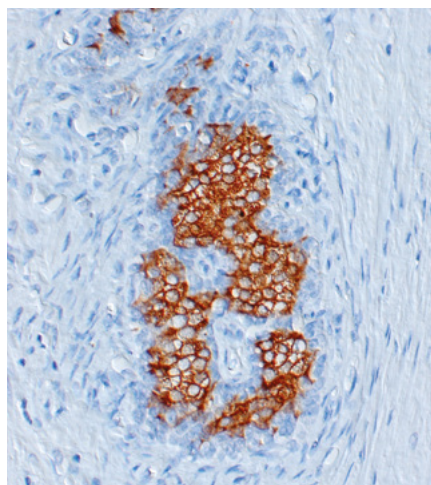


6 Rabbit Monoclonal Antibodies and Enhanced Detection

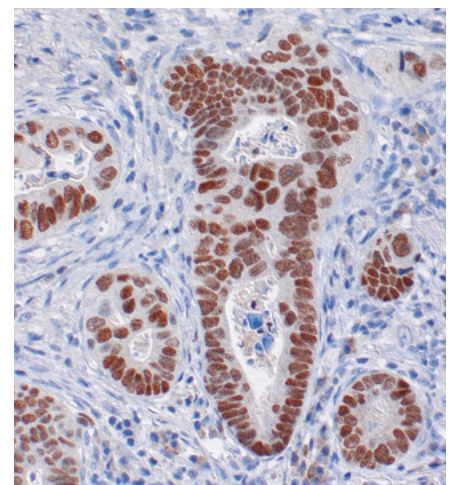
Advanced reagents drive the enhanced sensitivity and crisp, clean results on the system. The UltraVision Quanto™ detection system is the latest micropolymer technology capable of enhancing antibodies of mouse and rabbit origin, producing superior results at a surprisingly affordable cost per test.

7 Superior Results

You can rely on the combination of superior quality, timely results and increased laboratory profitability with the Epredia Immunohistochemistry system. Convince yourself by evaluating the system in your own laboratory — the results speak for themselves.



PSA (Prostate Specific Antigen), clone EP1588Y
RM-2104



CDX2, clone EPR2764Y
RM-2116



Autostainer 360, 480S, and 720

In an industry where seemingly small decisions can have huge implications and the quality of your test is critical, it is good to know that Epredia has a range of fast, accurate and cost effective solutions used globally throughout the Immunohistochemistry (IHC) field.

Our IHC range of solutions combines the knowledge and experience of one of the best known legacy names in the IHC field (Labvision) with the Epredia dedication to deliver best-in-class customer experience and to be the highest quality partner in IHC.

Physical Specifications

Dimensions (D x W x H):

360: 26.4 x 30 x 22.8 in.
(67 x 76 x 58 cm)

480S: 26.4 x 36 x 22.8 in.
(67 x 91 x 58 cm)

720: 26.4 x 50.4 x 22.8 in.
(67 x 128 x 58 cm)

Weight:

360: 121 lbs / 55 kg

480S: 143 lbs / 65 kg

720: 176 lbs / 80 kg

Power requirements:

100-120 V or 220-240 V;
50/60Hz; 4A max at 100-120
Vac, 2A max at 220-240 Vac

Includes:

Autostainer unit, slide racks (number varies per instrument), reagent rack for barcoded vials (number varies per instrument), PC Computer, 19" flat panel monitor, Zebra reagent and slide label barcode printers, one wash buffer input and one DI water input, waste separation into hazardous and nonhazardous containers, waste/bulk fluid containers, four ten-liter carboys, cleaning kit; brush and reagents for automated cleaning, buffer rinse squirt bottle for rinsing slides, misc. USB and power cords (all required cords included), electronic manual on CD.

What's Best for the Patient

- Standardized and precise antigen retrieval, combined with reliable staining units provides assurance your requested tests are stained according to your high-quality standards
- Dual barcoding ensures that each slide receives the correct reagents

Make Better Use of Time

- Robust, reliable automation of processes allows you to spend your time handling results rather than diagnosing instrumentation problems
- Barcoding of slides and reagents simplifies the instrument loading and programming process
- Rapid staining turn-around time means higher throughput and allows you to return patient specimen test faster

Adapted to Fit Your Specific Needs

- Standardization of processes via the PT Module and Epredia Autostainer produces consistent, high-quality results
- Three models allow for any instrument configuration to best accommodate average slide volumes and peaks throughout the day
- The open platform enables you to take full advantage of flexible protocol design and consider economically attractive reagent packages

Save money and save lives

- Get the best possible value by working directly with the manufacturer of both the instruments and reagents; and benefit from the simplicity of getting any solution for the pathology laboratory from a single source

Autostainer 360

- This most compact variant is ideal for laboratories where speed and continuous workflow are imperative

Autostainer 480S

- All the benefits of the Autostainer 360 but with increased slide capacity to 48 slides and up to 49 reagent vials

Autostainer 720

- The Autostainer 720 handles up to 84 slides at once and is designed for large-batch applications



Description	Order Number
Autostainer instrument with PT module and peripheral accessory kit	
Ins, AS360 110v + 1x PT Module Kit	A80500024
Ins, AS480 110v + 1x PT Module Kit	A80500028
Ins, AS720 110v + 2x PT Module Kit	A80500030
Ins, AS360 240v + 1x PT Module Kit	A80500023
Ins, AS480 240v + 1x PT Module Kit	A80500027
Ins, AS720 240v + 2x PT Module Kit	A80500021
Autostainer standalone - no PT module or peripheral accessories	
Ins, Autostainer 360 Unit, 110v	A80500004
Ins, Autostainer 480S Unit, 110v	A80500008
Ins, Autostainer 720 Unit, 110v	A80500010
Ins, Autostainer 360 Unit, 240v	A80500003
Ins, Autostainer 480S Unit, 240v	A80500007
Ins, Autostainer 720 Unit, 240v	A80500009
PT module standalone	
Ins, PT Module, removable tank	A80400012
Ins, PT Module, TS 220-240V	A80400011
Autostainer standalone with peripheral accessory kit	
Ins, Autostainer 480S Pkg, 110v	A80500008A

Autostainer Accessories	Qty.	Order Number
Barcodeable Autostainer vial 12 ml*	100 vials	K00029
Reagent vial barcode labels	3000 labels	A80510134
Slide labels (solvent resistant, flap)	2500 labels	A80510135
Autostainer operator guide	1 CD	A80510107-CD
PT Module pump kit*	1 kit	A80410030
Autostainer 480 reagent rack	1 rack	A80510138
2D Autostainer vial storage rack	1 rack	S00140
PT Module tank and lid*	1 tank and lid	P00005A

*Not an IVD Medical Device and is not intended for diagnostic purposes

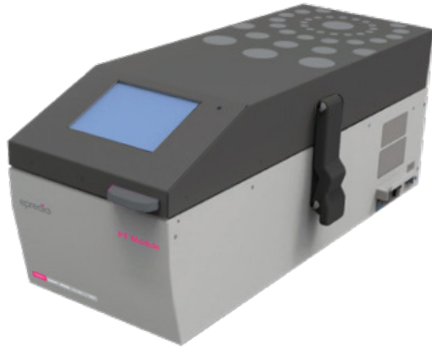
You'll need:



antibodies



detection systems



PT Module

Standardization in the laboratory is important to obtaining high quality and consistent IHC staining. The PT Module standardizes the manual steps associated with the pre-treatment of slides.

Features

- Designed to simultaneously perform dewaxing and epitope recovery on slides prior to immunostaining
- Accommodates either four Autostainer slide racks or eight standard manual slide racks directly into the PT Module
- Integrated computer with touch screen for programming standardized pre-treatment programs
- Ability to modify the start/stop time and temperature settings to optimize results
- The PT Module has dual reaction baths so that two individual procedures, each with 24 slides, may be run independently
- EpreDia's proprietary epitope recovery solutions provide safe, solvent-free dewaxing and is safer for the environment
- Delayed start option allows overnight processing so slides are ready and waiting when you start your day

Dewax and HIER Buffers

- Patented formula, specifically designed for use with the PT Module
- Dissolves paraffin instead of just melting it

Physical Specifications

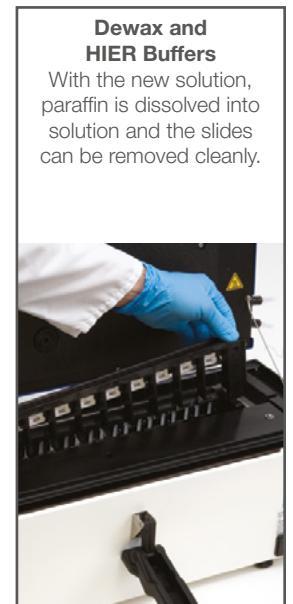
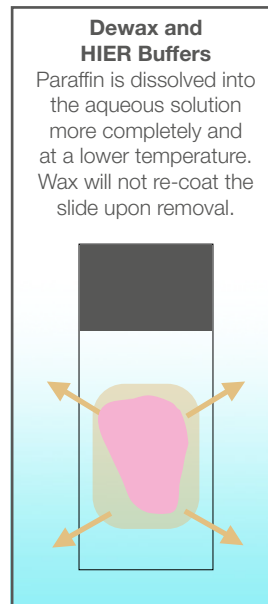
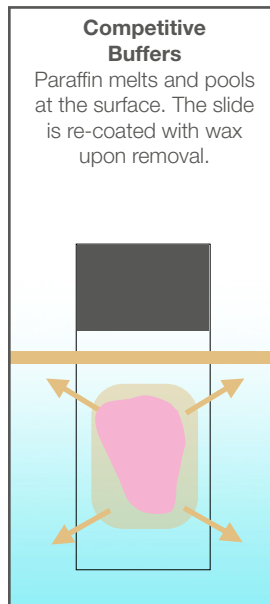
Dimensions (D x W x H):
25.5 x 10.5 x 10 in.
(65 x 27 x 26 cm)

Weight:
Empty: 33 lbs (15 kg)

Power requirements:
100-120 V, 50/60 Hz, 10A Max
220-240 V, 50/60 Hz, 5A Max

Includes:

Stainless steel buffer tank (2/ pk.), buffer tank cover (2/pk.), serial cable, buffer kit, IVD letter, operator information pack, accessory pump kit, EMC statement.



Description	Order Number
PT Module TS 100-120V	A80400012
PT Module TS 220-240V	A80400011

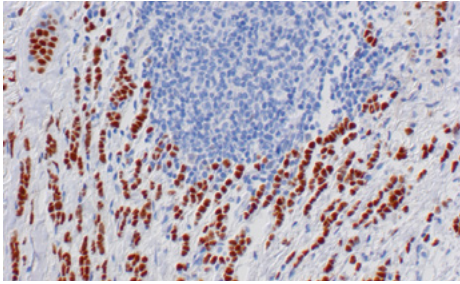
Sequenza Slide Racks and Coverplates	Qty.	Order Number
Sequenza slide rack and lid	Holds 10 slides	73310017
Coverplates	250 / case	72110013
Coverplates	25 / pack	72110017
Dropper bottles	50 / pack	73310007
Buffer bottle 750 mL	ea.	73310002

Heat Induced Epitope Retrieval	Order Number	Use
Dewax and HIER Buffer (H, M, L) variety pack (15x concentrate)	TA-999-DHBVP	IVD
Dewax and HIER Buffer H (15x concentrate) 10x100 mL	TA-999-DHBH	IVD
Dewax and HIER Buffer L (15x concentrate) 10x100 mL	TA-999-DHBL	IVD
Dewax and HIER Buffer M (15x concentrate) 10x100 mL	TA-999-DHBM	IVD
HIER Buffer H, 9 BT/CS Tris-EDTA Buffer, 15 mL/BT	TA-135-HBH	IVD
HIER Buffer L, 9 BT/CS Citrate Buffer, 15 mL/BT	TA-135-HBL	IVD
HIER Buffer M, 9 BT.CS EDTA Buffer, 15 mL/BT	TA-135-HBM	IVD
Citrate Buffer for HIER 125 mL	AP-9003-125	
Citrate Buffer for HIER 500 mL	AP-9003-500	
EDTA Buffer for HIER (10x) 125 mL	AP-9004-125	
EDTA Buffer for HIER (10x) 500 mL	AP-9004-500	
Tris HCl Buffer for HIER (10x) 50 mL	AP-9005-050	
Tris-HCl Buffer for HIER (10x) 125 mL	AP-9005-125	
Tris-HCl Buffer for HIER (10x) 500 mL	AP-9005-500	

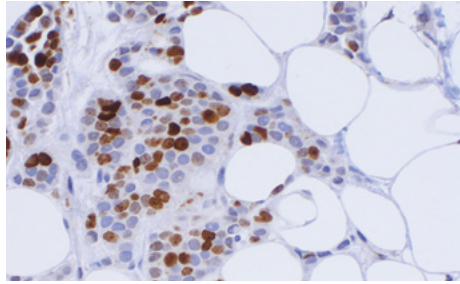
Enzyme Induced Retrieval	Order Number	Use
Protease XXV for Enzyme-Induced Epitope Retrieval 2 mL	AP-9006-002	IVD
Protease XXV for Enzyme-Induced Epitope Retrieval 5 mL	AP-9006-005	IVD
Pepsin Solution for Enzyme-Induced Epitope Retrieval 5 mL	AP-9007-005	IVD



Breast Panel



Estrogen receptor positive breast cancer stained with Clone SP1 (RM-9101-S) and UltraVision Quanto.



High grade breast cancer stained with Ki67 Clone SP6 (RM-9106-S) and UltraVision Quanto.

Antibody	Clone	Cat. No.	Description	Regulatory Status
Estrogen Receptor	SP1	RM-9101	SP1 is quickly becoming the gold standard in ER evaluation with higher sensitivity than other common tests ¹	USA: IVD INT'L: IVD
Progesterone Receptor	SP2	RM-9102	Sensitive and specific PR marker	USA: IVD INT'L: IVD
Keratin 5	XM26	MS-1896	Sensitive for identifying the "basal-like" phenotype of breast cancer ⁴	USA: IVD INT'L: IVD
Keratin 7	OV-TL 12/30	MS-1352	Identifies luminal cells and is useful for distinguishing between lung and breast epithelium	USA: IVD INT'L: IVD
Keratin 20	Ks20.8	MS-377	Useful as a negative indicator for breast adenocarcinomas	USA: IVD INT'L: IVD
NY-BR-1	NYBR-1#2	MS-1932	Highly specific breast marker useful for identifying undifferentiated breast cancer ⁵	USA: IVD INT'L: IVD
E-Cadherin	EP700Y	RM-2100	Useful for differentiating lobular from ductal breast carcinoma	USA: IVD INT'L: IVD

¹Cheang MC, Treaba DO, Speers CH, Olivetto IA, Bajdik CD, Chia SK, Goldstein LC, Gelmon KA, Huntsman D, Gilks CB, Nielsen TO, Gown AM. Immunohistochemical detection using the new rabbit monoclonal antibody SP1 of estrogen receptor in breast cancer is superior to mouse monoclonal antibody 1D5 in predicting survival. *J Clin Oncol.* 2006 Dec 20;24(36):5637-44.

²Zabalgo L, Salter J, Anderson H, Quinn E, Hills M, Detre S, A'Hern R, Dowsett M. Comparative validation of the SP6 antibody to Ki67 in breast cancer. *J Clin Pathol.* 2010 Sep;63(9):800-4.

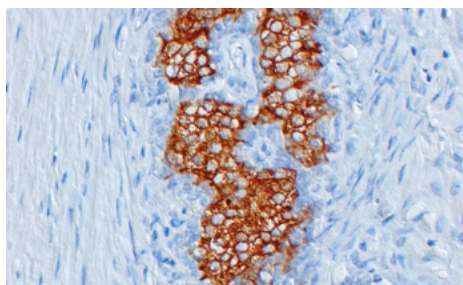
³Sheila C.L. Wludarski, MD and Carlos E. Bacchi, MD, PhD. High Concordance of SP3 Rabbit Monoclonal Antibody With FISH to Evaluate HER2 in Breast Carcinoma. *Appl Immunohistochem Mol Morphol.* 2008 Oct;16(5):466-70.

⁴Rohit Bhargava, MD, Sushil Beriwal, MD, Kim McManus, HT(ASCP), and David J. Dabbs, MD. CK5 is More Sensitive Than CK5/6 in Identifying the "Basal-Like" Phenotype of Breast Carcinoma. *AM J Clin Pathol* 2008;130:724-730.

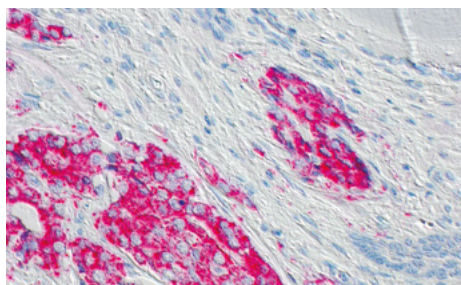
⁵Varga Z, Theurillat JP, Filonenko V, Sasse B, Odermatt B, Jungbluth AA, Chen YT, Old LJ, Knuth A, Jäger D, Moch H. Preferential nuclear and cytoplasmic NY-BR-1 protein expression in primary breast cancer and lymph node metastases. *Clin Cancer Res.* 2006 May 1;12(9):2745-51.

⁶Descriptions are for general reference only. Please consult the datasheet and current literature for more information.

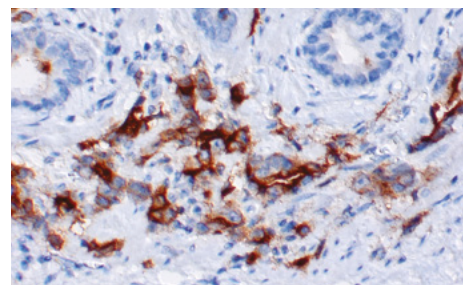
Prostate Panel



Prostate carcinoma identified with PSA Clone EP1588Y (RM-2104-S) and UltraVision Quanto.



Prostate carcinoma stained with p540s -AMACR Clone 13H4 (RM-9130-S) and UltraVision Quanto.



Prostate cancer stained with PSMA Clone SP29 (RM-9131-S) and UltraVision Quanto.

Antibody	Clone	Cat. No.	Description	Regulatory Status
p504S	13H4	RM-9130	Typically positive in malignant prostate but negative in benign lesions ¹	USA: ASR INT'L: RUO
Keratin 5	EP1601Y	RM-2106	Stains basal epithelia in normal prostate tissue	USA: IVD INT'L: IVD
Keratin 20	Ks20.8	MS-377	Assists with differentiating prostate from bladder cancer ³	USA: IVD INT'L: IVD
Epithelial Membrane Antigen	MOC-31	MS-741	Positive indicator for Adenocarcinoma	USA: IVD INT'L: IVD
PSA	EP1588Y	RM-2104	Useful for identifying cells of prostatic origin ¹	USA: ASR INT'L: IVD
PSAP	PASE/4LJ	MS-321	Useful for identifying cells of prostatic origin ¹	USA: IVD INT'L: IVD
PSMA	SP29	RM-9131	Useful for identifying cells of prostatic origin and can be combined with PSA to increase sensitivity ²	USA: IVD INT'L: IVD

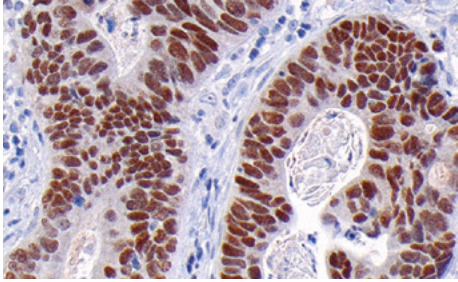
¹Paner GP, Luthringer DJ, Amin MB. Best practice in diagnostic immunohistochemistry: prostate carcinoma and its mimics in needle core biopsies. Arch Pathol Lab Med. 2008 Sep;132(9):1388-96.

²Mhawech-Fauceglia P, Zhang S, Terracciano L, Sauter G, Chadhuri A, Herrmann FR, Penetrante R. Prostate-specific membrane antigen (PSMA) protein expression in normal and neoplastic tissues and its sensitivity and specificity in prostate adenocarcinoma: an immunohistochemical study using multiple tumour tissue microarray technique. Histopathology. 2007 Mar;50(4):472-83.

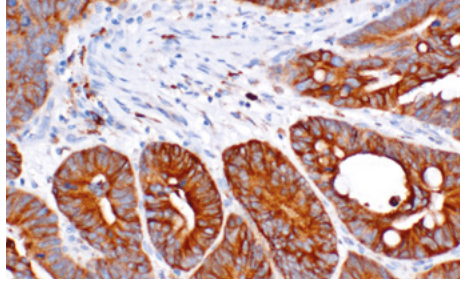
³Bassily NH, Vallorosi CJ, Akdas G, Montie JE, Rubin MA. Coordinate expression of cytokeratins 7 and 20 in prostate adenocarcinoma and bladder urothelial carcinoma. AM J Clin Pathol. 2000 Mar;113(3):383-8.

⁴Descriptions are for general reference only. Please consult the datasheet and current literature for more information.

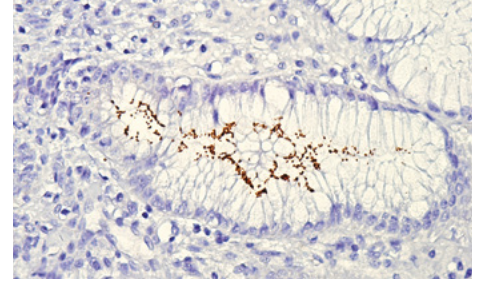
Gastrointestinal Panel



Metastatic colon ca stained with CDX2 (RM-2116-S) and UltraVision Quanto.



Colon carcinoma stained with COX2 (MS-1898-S) and UltraVision Quanto.



H. pylori stained in stomach tissue with H. pylori (RB-9070-P) and UltraVision Quanto.

Antibody	Clone	Cat. No. (RTU)	Description	Regulatory Status
CDX2	EPR2764Y	RM-2116	Useful for differentiating gastrointestinal origin with undifferentiated tumors	USA: IVD INT'L: IVD
Pan CK	AE1/AE3	MS-343	Useful for identifying carcinoma	USA: IVD INT'L: IVD
Keratin 7	OV-TL 12/30	MS-1352	Reacts with proteins in ductal and glandular tissues	USA: IVD INT'L: IVD
Keratin 20	Ks20.8	MS-377	Reacts primarily with intestinal and gastric epithelium	USA: IVD INT'L: IVD
CD117	Polyclonal	RB-9038	Useful for identifying gastrointestinal stroma tumors (GIST) ¹	USA: IVD INT'L: IVD
Dog-1	1.1	MS-1933	Very useful for identifying gastrointestinal stroma tumors (GIST) ¹	USA: IVD INT'L: IVD
H-pylori	Polyclonal	RB-9070	Reacts with H-pylori in the GI tract	USA: ASR INT'L: IVD
Villin	CWWB1	MS-1499	Useful for identifying gastrointestinal adenocarcinoma	USA: IVD INT'L: IVD
Epithelial Specific Antigen	Ber-EP4	MS-1898	Useful for distinguishing adenocarcinoma from mesothelioma and hepatocellular carcinoma	USA: IVD INT'L: IVD

¹Novelli M, Rossi S, Rodriguez-Justo M, Taniere P, Seddon B, Toffolati L, Sartor C, Hogendorn PC, Sciot R, Van Glabbeke M, Verqej J, Blay JY, Hohenberger P, Flanagan A, Del Tos AP, DOG1 and CD117 are the antibodies of choice in the diagnosis of gastrointestinal stromal tumours. Histopathology. 2010 Aug;57(2):259-70.

²Descriptions are for general reference only. Please consult the datasheet and current literature for more information.

IHC Antibodies

Epredia antibodies are designed for multiple applications such as clinical research IHC and applications other than IHC, such as Western Blotting of immunoprecipitation. For the latest product offerings and updates, visit epredia.com or contact your local representative.

Concentrates are available in 1 mL (-S, -A, or -P), 0.5 mL, and 0.1 mL sizes and are ready to use in 7 mL (-R7, for use with LP detection system) or 12 mL (-RQ, for use with Quanto detection system), and are considered In Vitro Diagnostic (IVD) devices, Research Use Only (RUO) devices, or Analyte Specific Reagent (ASR, US-only). Please check the website for azide-free formats.

S concentrates: Concentrated tissue culture supernatant with 0.09% sodium azide.

P concentrates: Concentrated column-purified ascites in 10mM PBS (pH 7.4) with 0.09% sodium azide and 0.2% bovine serum albumin.

A concentrates: Unspecified amount of concentrated, purified immunoglobulin, in 10mM PBS (pH 7.4) with 0.09% sodium azide and 0.2% bovine serum albumin.

Part Number Key

HM Hamster Monoclonal	MS Mouse Monoclonal	MV MultiVision	NC Negative Control	RB Rabbit Polyclonal	RM Rabbit Monoclonal	SH Sheep Polyclonal
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Description	REF Num	
Mucin 1 (MUC-1)	HM-1630	RUO
14.3.3 pan	MS-1504	RUO
Actin, Smooth Muscle [1A4]	MS-113	IVD
Adenovirus [M58 + M73]	MS-1069	RUO
ALK (Anaplastic Lymphoma Kinase) / p80 [5A4]	MS-1104	IVD
Androgen Receptor [AR441]	MS-443	RUO
Bax	MS-714	RUO
BCL-2alpha [100/D5]	MS-123	IVD
BCL-6 [BCL6.2]	MS-1114	RUO
BCL-6 [LN22]	MS-1936	IVD
c-Abl	MS-938	RUO
c-erbB-2 / HER-2 / neu	MS-600	RUO
c-erbB-2 / HER-2 / neu	MS-301	RUO
c-erbB-2 / HER-2 / neu [3B5]	MS-599	RUO
c-erbB-2 / HER-2 / neu [e2-4001 + 3B5]	MS-730	IVD/ASR
c-erbB-2 / HER-2 / neu [e2-4001]	MS-325	RUO
c-erbB-3	MS-201	RUO
c-myc	MS-139	RUO
CA 125 (Ovarian Cancer Antigen)	MS-1151	IVD
CA19-9 / Sialyl Lewis a (GI Tumor Marker) [116-NS-19-9]	MS-1811	RUO
CA19-9 / Sialyl Lewis a (GI Tumor Marker) [121SLE]	MS-379	IVD
Cadherin E / E-Cadherin	MS-1862	RUO

Description	REF Num	
Caldesmon, HMW	MS-1169	IVD
Calponin	MS-1168	IVD
Caspase 3 (CPP32)	MS-1121	RUO
CD10/CALLA (Neutral Endopeptidase)	MS-728	IVD
CD117 / c-Kit / SCF-Receptor	MS-289	RUO
CD137 (4-1BB) [BBK-2]	MS-621	RUO
CD138	MS-1793	IVD
CD15	MS-1259	IVD
CD163	MS-1103	RUO
CD1a [MTB1]	MS-746	RUO
CD1a [O10]	MS-1856	IVD
CD2 [LFA-2]	MS-1074	IVD
CD20 [L26]	MS-340	IVD
CD21 [2G9]	MS-1086	IVD
CD23	MS-729	IVD
CD24 (GPI-linked surface mucin)	MS-1278	RUO
CD29 (Integrin Beta-1)	MS-596	RUO
CD30 (Reed-Sternberg Cell Marker)	MS-361	IVD
CD30 (Reed-Sternberg Cell Marker)	MS-1857	IVD
CD31 / PECAM-1 (Endothelial Cell Marker)	MS-353	IVD
CD34 [QBEnd/10] I	MS-363	IVD
CD35 / CR1 (Follicular Dendritic Cell Marker)	MS-336	RUO

Description	REF Num	
CD36 / GPIIb / GPIV /	MS-756	RUO
CD38	MS-983	RUO
CD3epsilon (Early T-Cell Marker)	MS-1880	RUO
CD4	MS-1528	IVD
CD42b (GPIb)	MS-1174	RUO
CD43 / T-Cell Marker	MS-146	IVD
CD44 Std. / HCAM	MS-178	RUO
CD45 / T200 / LCA	MS-355	IVD
CD45RO (T-Cell Marker)	MS-112	IVD
CD47	MS-1302	RUO
CD5	MS-393	IVD
CD56 / NCAM-1	MS-1149	IVD
CD68 / Macrophage Marker	MS-397	IVD
CD68 / Macrophage Marker	MS-1808	IVD
CD71 / Transferrin Receptor	MS-1096	RUO
CD8	MS-457	IVD
CD81 / TAPA-1	MS-502	RUO
CD99 / MIC2 (Ewing's Sarcoma Marker)	MS-1633	RUO
Cdh1	MS-1116	RUO
Cdk1 / p34 cdc2	MS-110	RUO
Cdk5	MS-906	RUO
Collagen II [2B1.5]	MS-235	RUO
Collagen II [6B3]	MS-306	RUO
Collagen VII	MS-444	RUO
Cyclin D1 / Bcl-1	MS-210	RUO
Cyclin D3	MS-215	RUO
Cytochrome c	MS-1192	RUO
Desmin (Muscle Cell Marker)	MS-376	IVD
DNA-PKcs	MS-369	RUO
DOG-1	MS-1933	IVD
Epidermal Growth Factor Receptor / EGFR	MS-311	RUO
Epidermal Growth Factor Receptor / EGFR	MS-378	RUO
Epidermal Growth Factor Receptor / EGFR	MS-269	RUO
Epidermal Growth Factor Receptor / EGFR	MS-316	RUO
Epidermal Growth Factor Receptor / EGFR	MS-396	RUO
Epithelial Membrane Antigen /EMA	MS-741	IVD
Epithelial Specific Antigen	MS-675	RUO
Epithelial Specific Antigen (EMA)	MS-181	RUO
Epithelial Specific Antigen (EMAb-7) [MOC-31] Mouse	MS-1825	RUO

Description	REF Num	
Epithelial Specific Antigen (Ep-CAM)	MS-1898	IVD
Estrogen Receptor	MS-391	RUO
Estrogen Receptor [1D5]	MS-354	IVD/ASR
Estrogen Receptor [1D5+6F11]	MS-750	IVD/ASR
Ezrin / p81 / 80K / Cytovillin	MS-661	RUO
Factor VIII Related Antigen / von Willebrand Factor	MS-722	IVD
Factor XIII A	MS-1237	IVD
Fibrillin 1	MS-231	RUO
Filaggrin	MS-449	RUO
Fibronectin	MS-1351	RUO
Filamin	MS-1211	RUO
GCDFP-15 (Gross Cystic Disease Fluid Protein-15) Fluid Protein-15)	MS-1170	IVD
GFAP / Glial Fibrillary Acidic Protein	MS-1376	IVD
Glycophorin A	MS-1843	IVD
GnRH Receptor / LH-RH Receptor (GNRH03)	MS-1139	RUO
Granzyme B	MS-1157	IVD
H1 [4C9C7]	MS-1941	IVD
Heat Shock Protein 70 (HSP70)	MS-482	RUO
Heregulin / NDF / GGF / Neuregulin	MS-272	RUO
Hepatitis B Virus Surface Antigen (HBVsAg)	MS-314	RUO/ASR
Hepatocyte	MS-1810	IVD
Hepatocyte Growth Factor	MS-775	RUO
Human Papilloma Virus (HPV)[K1H8]	MS-1826	IVD/ASR
IGF-1R (alpha-Subunit)	MS-641	RUO
Insulin Receptor (Beta-Subunit)	MS-635	RUO
Insulin Receptor (Beta-Subunit)	MS-636	RUO
Interferon- α (II) / IFN- α (II)	MS-574	RUO
Involucrin	MS-126	RUO
Keratin 15	MS-1068	RUO
Keratin 19	MS-198	IVD
Keratin 19	MS-1671	RUO
Keratin 20	MS-377	IVD
Keratin 5	MS-1896	IVD
Keratin 5 / 6	MS-1814	IVD
Keratin 16	MS-620	RUO
Keratin 7	MS-1352	IVD
Keratin 8 / 18	MS-743	IVD
Keratin, HMW	MS-1447	IVD
Keratin, Low Molecular Weight	MS-341	IVD

Description	REF Num	
Keratin, Pan	MS-356	RUO
Keratin, Pan	MS-343	IVD
L1 Cell Adhesion Molecule	MS-770	RUO
MAP 2a,b (Microtubule-Associated Protein)	MS-249	RUO
MART-1 / Melan-A	MS-612	RUO
MART-1 / Melan-A	MS-799	IVD
MART-1 / Melan-A (Cocktail)	MS-716	RUO
Mast Cell Chymase	MS-1217	RUO
Mast Cell Tryptase	MS-1216	RUO
Melanoma (gp100)	MS-364	IVD
Melanoma Marker, Pan	MS-939	RUO
Mesothelin	MS-1320	IVD
Mesothelioma	MS-1494	IVD
MGMT (O-methylguanine-DNA methyltransferase)	MS-470	RUO
MHC I (HLA-A, B, C)	MS-1218	RUO
Microphthalmia (TranscriptionFactor) (MITF)	MS-772	RUO
MMP-13 (Collagenase IV) M	MS-825	RUO
Mucin 2 (MUC-2)	MS-1729	RUO
Mucin 5AC (MUC-5AC) / Gastric Mucin	MS-145	IVD
MyoD1	MS-273	RUO
Myogenin	MS-1113	RUO
Myosin, Skeletal Muscle	MS-1236	RUO
Myosin, Smooth Muscle Heavy Ch	MS-1348	RUO
Neurofilament (200kDa & 68kDa)	MS-359	IVD
Neurotrophin Receptor / NGF-Receptor (p75 NGFR)	MS-394	RUO
Notch-1	MS-1339	RUO
NY-BR-1	MS-1932	IVD
p170 / p-Glycoprotein / MDR	MS-660	RUO
p21 WAF1	MS-454	RUO
p53	MS-104	RUO
p53	MS-186	IVD
p53	MS-187	RUO
p53	MS-738	IVD
p57 Kip2	MS-897	RUO
p57 Kip2	MS-1062	IVD
PCNA (Proliferating Cell Nuclear Antigen)	MS-106	RUO
Perforin	MS-1834	IVD
Placental Alk. Phosphatase (PLAP)	MS-208	RUO
Placental Alk. Phosphatase(PLAP)	MS-734	IVD

Description	REF Num	
Progesterone Receptor [hPRa 2]	MS-192	RUO
Progesterone Receptor [hPRa 2+hPR 3]	MS-298	IVD/ASR
Progesterone Receptor [hPRa 7]	MS-197	RUO
Prolactin	MS-1362	RUO
Prostate Specific Acid Phosphatase (PSAP)	MS-321	IVD
RAD51	MS-988	RUO
Retinoblastoma (Rb)	MS-1883	RUO
SREBP-1 (Sterol Regulatory Element Binding Protein-1)	MS-1207	RUO
Synuclein	MS-1572	RUO
TAG-72 / CA 72-4 [B72.3]	MS-138	IVD
Tartrate Resistant Acid Phosphatase (TRAP)Ab-1	MS-1768	IVD
TAU	MS-247	RUO
TdT / Terminal Deoxyribonucleotidyl Transferase	MS-1105	IVD
Thrombospondin (TSP)	MS-420	RUO
Thrombospondin (TSP)	MS-421	RUO
Troponin T, Cardiac Isoform	MS-295	IVD
Tubulin-Alpha	MS-581	RUO
Vascular Endothelial Growth Factor (VEGF)	MS-1467	RUO
Vascular Endothelial Growth Factor (VEGF)	MS-350	RUO
Villin	MS-1499	IVD
Vimentin	MS-129	IVD
Vinculin	MS-1209	RUO
Negative Control for Mouse	NC-748	RUO
Negative Control for Mouse	NC-1391	RUO

Description	REF Num	
Alpha-1-Antitrypsin	RB-367	RUO
CD117 / c-Kit / SCF-Receptor	RB-9038	IVD
CD31 / PECAM-1 (Endothelial Cell Marker)	RB-10333	RUO
CD3epsilon (Early T-Cell Marker)	RB-360	IVD
Factor VIII Related Antigen / von Willebrand Factor	RB-281	IVD
GLUT-1	RB-9052	IVD
Helicobacter pylori	RB-9070	IVD/ASR
Immunoglobulin M (IgM), Polyclonal FITC Labeled	RB-1922	IVD
Kappa Light Chain	RB-333	IVD
Lambda Light Chain	RB-334	IVD
Myeloperoxidase (MPO)	RB-373	IVD
Pax-5	RB-9406	IVD
Placental Lactogen (hPL)	RB-9067	IVD
Protein Gene Product 9.5	RB-9202	IVD

Description	REF Num	
Beta-catenin	RM-2101	IVD
c-erbB2 / HER-2 / neu [EP1045Y]	RM-2112	IVD/ASR
Calcitonin	RM-9117	IVD
Calretinin [SP13]	RM-9113	IVD
CD23 [SP23]	RM-9123	IVD
CD3 (Early T Cell Marker)	RM-9107	IVD
CD3epsilon	RM-2109	IVD
CD5 [SP19]	RM-9119	IVD
CD79a / mb-1 (B-Cell Marker) [SP18]	RM-9118	IVD
CDX2 [EPR2764Y]	RM-2116	IVD
Chromogranin A [SP12]	RM-9112	IVD
Cyclin D1 / Bcl-1 [SP4]	RM-9104	IVD
E-Cadherin	RM-2100	IVD
Epidermal Growth Factor Receptor (EGFR) [EP38Y]	RM-2111	IVD
Estrogen Receptor [SP1]	RM-9101	IVD
Keratin 18	RM-2108	IVD
Keratin 5	RM-2106	IVD
Keratin 8	RM-2107	IVD
Napsin-A [EPR6252]	RM-2121	IVD
p504S/ AMACR [13H4]	RM-9130	RUO/ ASR
p53 [SP5]	RM-9105	IVD
Pax-5	RM-9133	IVD
PMS2 [EPR3947]	RM-2120	IVD
Progesterone Receptor [SP2]	RM-9102	IVD
Progesterone Receptor [YR85]	RM-2114	IVD/ASR
Prostate Specific Membrane Antigen (PSMA) [SP29]	RM-9131	IVD
PSA [EP1588Y]	RM-2104	RUO/ASR
Synaptophysin (Neuroendocrine Marker)	RM-9111	IVD
Heparan Sulfate Proteoglycan	RT-794	RUO

Rabbit Monoclonal Antibodies

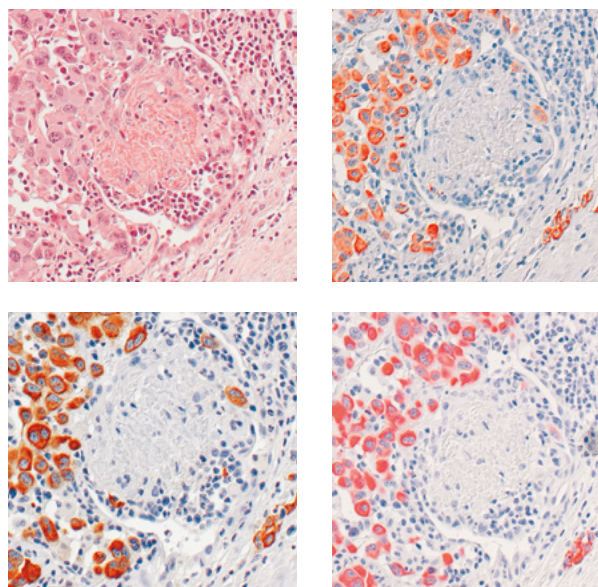
Description	Clone	Order Number	Use
E-Cadherin	EP700Y	RM-2100	IVD
Beta-Catenin	E247	RM-2101	IVD
PSA	EP1588Y	RM-2104	RUO/ASR
Cytokeratin 5	EP1601Y	RM-2106	IVD
Cytokeratin 8	EP1628Y	RM-2107	IVD
Cytokeratin 18	E431-1	RM-2108	IVD
CD3epsilon	EP449E	RM-2109	IVD
Epidermal Growth Factor Receptor	EP38Y	Rm-2111	IVD
c-erbB2 / HER-2 / neu	EP1045Y	RM-2112	IVD/ASR
Progesterone Receptor	YR85	RM-2114	IVD/ASR
CDX2	EPR2764Y	RM-2116	IVD
MSH6	EPR3945	RM-9119	IVD
PMS2	EPR3947	RM-2120	IVD
Napsin-A	EPR6252	RM-2121	IVD
Estrogen Receptor	SP1	RM-9101	IVD
Progesterone Receptor	SP2	RM-9102	IVD
Cyclin D1 / Bcl-1	SP4	RM-9104	IVD
p53	SP5	RM-9105	IVD
CD3 (Early T Cell Marker)	SP7	RM-9107	IVD
Synaotophysin (Neuroendocrine Marker)	SP11	RM-9111	IVD
Chromogranin A	SP12	RM-9112	IVD
Calretinin	SP13	RM-9113	IVD
Calcitonin	SP17	RM-9117	IVD
CD79a / mb-1 (B-cell marker)	SP18	RM-9118	IVD
CD5	SP19	RM-9119	IVD
p504S / AMACR	13H4	RM-9130	RUO/ASR
Prostate Specific Membrane Antigen (PMSA)	SP29	RM-9131	IVD
Pax-5	SP34	RM-9133	IVD

Rabbit monoclonal antibodies combine the benefits of outstanding antigen detection in the rabbit immune system with the specificity and consistency of monoclonal antibodies, making them one of the best antibodies around¹.

Antibodies produced in rabbits have a greater affinity than antibodies taken from mice. New cloning technologies allow the production of highly specific and sensitive antibodies from rabbits.

At the same time, the rabbit immune system generates antibody diversity and optimizes the affinity of the antibodies generated using mechanisms which are considerably more efficient than in mice or other rodents. This means that many antigens which are not immunogenic in mice or rats do trigger a response in rabbits.

Studies show rabbit monoclonal antibodies are more sensitive and specific than other available markers¹.



¹Rossi S, et al. (2005). Rabbit Monoclonal Antibodies: A Comparative Study Between a Novel Category of Immunoreagents and the Corresponding Mouse Monoclonal Antibodies. *Am. J. Clin. Pathol.* 124:295-302. Doi: 10.1309/NR8HN08GDPVEMU08.

IHC Detection Systems

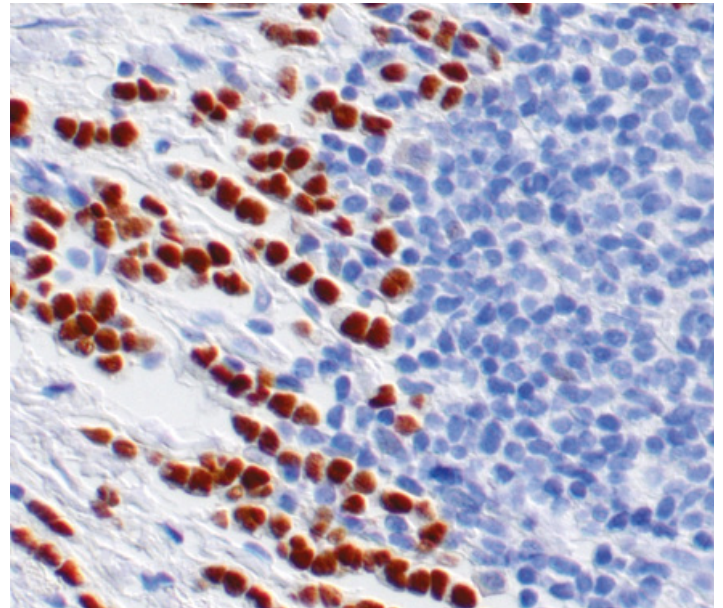
Which detection system is best for your laboratory?

To complement our robust antibody portfolio we offer an array of detection technologies designed to meet the needs of the clinical and research market. The following guide is designed to help you determine the best kit for your application. See the following detection system packages for detailed information on each detection kit. When in doubt you may contact your local representative or our technical service team.

UltraVision Quanto Detection Kit (IVD)

The UltraVision Quanto Detection System utilizes innovative micropolymer technology that enhances sensitivity while reducing costs and turnaround time². This system is optimized for mouse and rabbit antibodies on human specimens and is ideal for routine clinical testing.

Description	REF Num	Use
UltraVision Quanto Detection System AP 60 mL	TL-060-QAL	IVD
UltraVision Quanto Detection System HRP DAB 60 mL	TL-060-QHD	IVD
UltraVision Quanto AP 1 L	TL-999-QAL	IVD
UltraVision Quanto Detection System AP 125 mL	TL-125-QAL	IVD
UltraVision Quanto Detection System HRP 125 mL	TL-125-QHL	IVD
UltraVision Quanto Detection System HRP 60 mL	TL-060-QHL	IVD
UltraVision Quanto Detection System HRP DAB 125 mL	TL-125-QHD	IVD
UltraVision Quanto Detection System HRP DAB Sample 15 mL	TL-015-QHD	IVD
UltraVision Quanto HRP 1L TL-999-QPB/QPH and TA-999-PBQ	TL-999-QHL	IVD
UltraVision Quanto HRP DAB 1 L	TL-999-QHD	IVD



²NoriQC Review of Technical Test Approach Montreal 2010 <http://www.nordiqc.org/seminars/Nielsen-Montreal-08-July-10.pdf>

IHC Detection Systems

UltraVision Labeled Polymer (LP) (IVD)

UltraVision LP is the predecessor of UltraVision Quanto. UltraVision LP works well in clinical applications and produces strong, consistent results.

Note: UltraVision LP enhances mouse antibodies but does not enhance rabbit antibodies.

Description	REF Num	Use
Kit PV HRP polymer 1LTL-999-PB/PH and TA-999-PBQ	TL-999-HL	
UltraVision LP HRP Polymer & DAB Chromogen 15 mL	TL-015-HD	
UltraVision LP HRP Polymer & DAB Chromogen 60 mL	TL-060-HD	
UltraVision LP HRP Polymer & DAB Chromogen 125 mL	TL-125-HD	
UltraVision LP Large Vol AP Polymer (RTU) 60 mL	TL-060-AL	
UltraVision LP Large Vol AP Polymer (RTU) 125 mL	TL-125-AL	
UltraVision LP Large Vol HRP Polymer (RTU) 60 mL	TL-060-HL	
UltraVision LP Large Vol HRP Polymer (RTU) 125 mL	TL-125-HL	

UltraVision ONE (IVD)

UltraVision ONE offers the protocol with the least number of steps and is ideal for clinical applications with frozen section or where few steps are ideal.

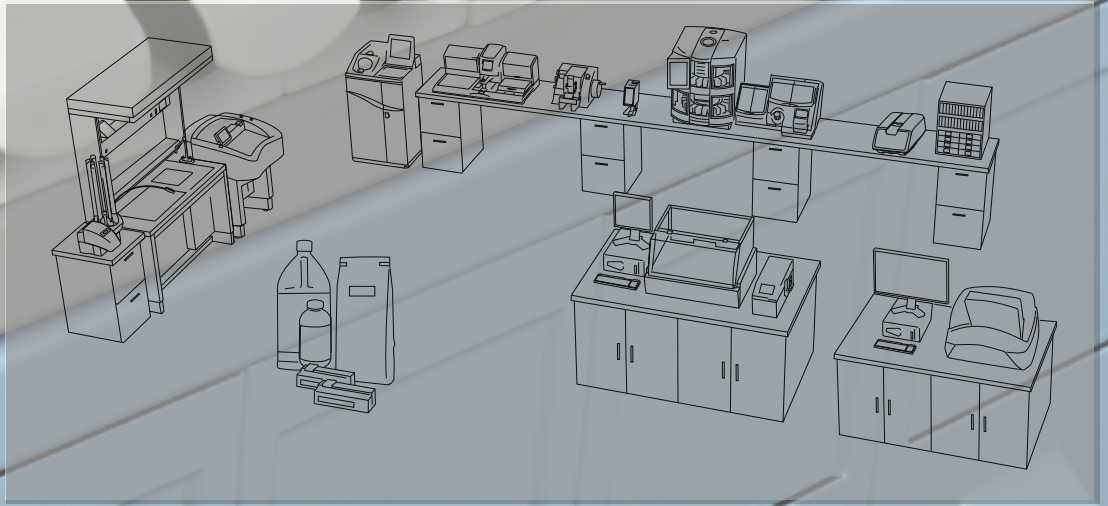
Description	REF Num	Use
UltraVision ONE Large Vol, HRP Polymer (RTU) 125 mL	TL-125-HLJ	IVD

IHC Ancillary Products

Description	REF Num	
Antibody Diluent OP Quanto	TA-125-ADQ	IVD
Tween 20 (Polyoxyethelenesorbitan Monolaurate) 125 mL	TA-125-TW	RUO
UltraVision DAB Away 250 mL	TA-250-DA	General Laboratory Use
UltraVision Protein Blk 125 ml	TA-125-PBQ	IVD
UltraVision Protein Block 60 ml	TA-060-PBQ	IVD
UV Hydrogen Peroxide Block 1 L	TA-999-H2O2Q	IVD
UV Hydrogen Peroxide Block 125 ml	TA-125-H2O2Q	IVD
UV Hydrogen Peroxide Block 60 ml	TA-060-H2O2Q	IVD
FITC Protein Blocking Agent (PBA) 6 mL	TA-006-PBA	IVD
Phosphate Buffered Saline (10X) 10 mL*	AP-9009-10	IVD
Phosphate Buffered Saline and Tween 20 Large Vol (20X)	TA-999-PT	IVD
Tris Buffer Saline and Tween 20 Large Vol (20X) 999 mL	TA-999-TT	IVD

*Not available for purchase in EMEA

Description	REF Num	
Large Vol Phosphate Buffered Saline (25X) 125 mL	TA-125-PB	IVD
Large Vol Phosphate Buffered Saline and Tween 20 (20X) 125 mL	TA-125-PT	IVD
Large Vol Tris Buffer Saline and Tween 20 (20X) 125 mL	TA-125-TT	IVD
Large Vol Tris Buffered Saline (25X) 125 mL	TA-125-TB	IVD
PermaFluor Aqueous Mounting Medium 30 mL	TA-030-FM	IVD
PermaFluor Aqueous Mounting Medium 6 mL	TA-006-FM	IVD
SI Prep, Aqua-Mount 125 mL	TA-125-AM	IVD

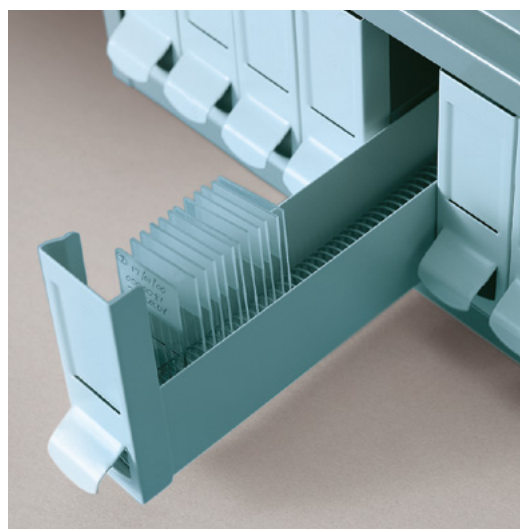


Archiving and Storage

Storage and Retrieval

Classic Storage

- With manual storage options from heavy-duty steel cabinets to customizable color-coded filing cabinets, there are solutions for every lab's budget and workflow needs



Archiving and Storage Instruments and Supplies are not approved for IVD use.

Steel Storage Cabinets

High-quality steel cabinets are ideal for the safe storage of microscope slides, slide filing wallets, processing cassettes, blocks and transparencies and are available in two sizes.

- The standard size for floor stacking is available in three colors, blue, green and two-tone gray
- The MINI range, which is ideal for bench top use, is half the depth of the standard cabinet and is only available in two-tone gray
- The Colorstack™ cabinets are ideal for color-coding your slides as they are available with several different color drawer fronts
- All cabinets are completely sealed top and bottom to ensure dust-free storage and have a lip running the full width of both front and rear to ensure secure location when stacking. Each drawer is fitted with stops to prevent their accidental removal, however the drawers can be removed and relocated
- Base stands (available in black only) and colored top covers are available for the cabinets. The base stand comes in a standard type. The standard base stand raises the cabinets off the ground so that the drawers can be easily opened
- The number of cabinets that can be stacked is totally dependent on the contents / weight of each cabinet as well as the floor capacity



Blockstore Cabinet

The Blockstore Cabinet accepts processing cassettes, embedding rings and unmounted blocks up to 12 x 25 x 30 mm.

- Eight drawers each divided into seven rows 30 mm wide
- Available in two colors, blue and grey

Accessories	Order Number
3000 cassettes (48 x 48 x 27.5 cm)	E43/22BLUE
3000 cassettes (48 x 48 x 27.5 cm)	E43/22GREY

Plastic Block Filing Cabinet

- Simple filing of up to 1500 blocks
- Plastic Block Filing Cabinets feature smooth sliding action and rigid construction

Accessories	Order Number
1500 cassettes	B1001304

Storage Cabinets are not approved for IVD use.



Fourteen-Drawer Slide Filing Cabinet

The fourteen-drawer cabinet is designed for the storage of 76 x 26 mm microscope slides.

- Available in two colors, blue and grey

Accessories	Order Number
6000 slides (48 x 48 x 14 cm)	E43/12BLUE
6000 slides (48 x 48 x 14 cm)	E43/12GREY

Storage Cabinets are not approved for IVD use.



Stackable Slide Storage Cabinet

- Holds up to 5,000 standard 75 x 26 mm microscope slides
- Six-cell metal unit is finished in beige baked enamel
- Unit is sold complete with drawers
- Cabinets lock together when stacked
- Metal base (ordered separately) is mounted on four rubber feet to protect bench surfaces and floors

Accessories	Order Number
Storage cabinet (48.3 x 40 x 12.7 cm)	141000
Cabinet base (47.6 x 40 x 7 cm)	141001

Storage Cabinets are not approved for IVD use.

Colorstack Filing Cabinets



Colorstack Filing Cabinets

- Colorstack cabinets have been designed to color-code the storage of 76 x 26 mm slides
- Available in 2 different drawer colors
- Cabinet and drawer bodies are supplied in a cream epoxy-coated metal
- Fit standard base stands (order number E43/15)



Replacement Drawers and Archiving System

To save time and the need for unnecessary handling of slides, simply replace a full Colorstack drawer with an empty one. The replacement drawers are supplied in sets of four in a box designed to be re-used for the long-term storage of full drawers.

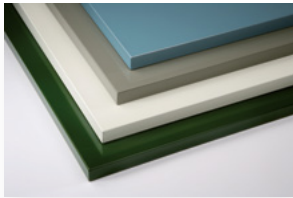
- Each box contains a set of four replacement color-coded drawers
- Available in the same ten colors as the Colorstack cabinets

Color	Dimensions	Capacity	Order Number (Cabinets with Drawers)	Order Number (Replacement Drawers)
	48 x 48 x 14 cm	6000 slides	E4312CAQUA	E43/12CD/AQUA
	48 x 48 x 14 cm	6000 slides	E4312CBBLUE	E43/12CD/BLUE
	48 x 48 x 14 cm	6000 slides	E4312CGREEN	E43/12CD/GREEN
	48 x 48 x 14 cm	6000 slides	E4312CGRAY	E43/12CD/GRAY
	48 x 48 x 14 cm	6000 slides	E4312CLILAC	E43/12CD/LILAC
	48 x 48 x 14 cm	6000 slides	E4312CORANGE	E43/12CD/ORANGE
	48 x 48 x 14 cm	6000 slides	E4312CPINK	E43/12CD/PINK
	48 x 48 x 14 cm	6000 slides	E4312CTAN	E43/12CD/TAN
	48 x 48 x 14 cm	6000 slides	E4312CWHITE	E43/12CD/WHITE
	48 x 48 x 14 cm	6000 slides	E4312CYELLOW	E43/12CD/YELLOW

Colors are a representation only

Cabinets are not approved for IVD use.

Top Covers and Stands

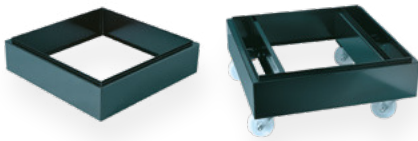


Top Cover

Metal top cover for the Epredia cabinets.

- Enables the cabinet to be used as a work surface

Accessories	Order Number
48 x 48 x 2.5 cm	E43/14GREY
48 x 48 x 2.5 cm	E43/14BLUE



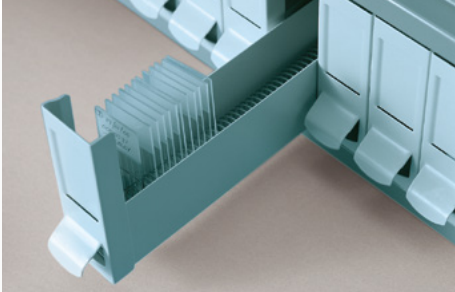
Standard and Heavy-Duty Wheel Base Stand

Black base stands for the Epredia cabinets.

Accessories	Order Number
Standard (48 x 48 x 11 cm)	E43/15

Covers, Stands, and Storage Boxes are not approved for IVD use.

Accessories for EpreDia Storage Cabinets



Spring Spacers

If slides are stored before they are completely dry, the spring spacer will separate them to stop them from sticking.

Compatible Cabinet	Order Number
E43/12Color and E43/12C/Color	E43/16

Slide Filing Location Strips

These strips are used to identify the location of a slide that has been removed from a cabinet.

Description	Order Number
White (100 / pack)	E43/25

Accessories for Cabinets are not approved for IVD use.

Foam Dividers

This divider is used to hold 76 x 26 mm slides upright in the slide drawer.

Compatible Cabinet	Order Number
E43/12Color, E43/12MINI, and E43/12C/Color	B1000152



Plastic Slide Boxes

Extremely durable plastic slide boxes to store 76 x 26 mm slides.

- Three sizes available – 25, 50 or 100 slide capacity
- Lids separate on the 25 and 50 slide capacity boxes
- 50 capacity slide box has a plastic catch
- 100 capacity slide box has a metal clasp
- Three colors available – white, blue and red
- Cork lined with index card in lid

Description	Order Number
25-slide box (5.5 x 3.375 x 1.25 in.)	
White	B1780
Red	B1781
Blue	B1782
50-slide box (8.25 x 3.375 x 1.25 in.)	
White	B1783
Red	B1784
Blue	B1785
100-slide box (8.25 x 6.375 x 1.25 in.)	
Red	B1787
Blue	B1788

Accessories for Cabinets are not approved for IVD use.



Slide Storage Box

100 slide capacity

- Plastic construction
- Indexed to aid in retrieval of stored slides

Description	Order Number
Plastic slide storage box	58299

Slide File Box

Holds 3 x 1" (75 x 26 mm) slides

- Stores up to 100 slides (one per slot), 200 slides (two per slot), or 400 slides (slide tray removed)
- Transparent hinged cover
- Numbered slots for easy identification
- Stackable for space-efficient storage

Description	Order Number
100 Slide File Box (Blue)	B1000700BL

Accessories for Cabinets are not approved for IVD use.

Slide Trays, Mailers, Envelopes, and Folders



Plastic Slide Folders

Plastic slide folders available for the easy color-coding of 76 x 26 mm slides.

- 20 slide capacity
- Available in five colors
- Stackable with transparent cover

Description	Qty.	Order Number
Blue	10 / case	B1001200BL
Green	10 / case	B1001200GR
Gray	10 / case	B1001200GY
White	10 / case	B1001200WH
Yellow	10 / case	B1001200YW

Slide Trays, Mailers, Envelopes and Folders are not approved for IVD use.



Mailer and Folder

Slide Mailer, Storage Box and Folders are designed to hold 20 slides.

Slide Mailer

- Cardboard construction
- Holds two 3 x 1 in. (76 x 25 mm) microscope slides
- (W x H) 3.125 x 4 in. (79 x 102 mm) configuration conforms to U.S. Postal regulations
- Cut-out windows allow viewing of patient identification
- Each box holds 30 mailers
- Sold 24/box; 30 boxes per case

Slide Folder

- Plastic construction
- See-through flaps eliminate need to open the folder when searching for slides
- Easy-to-clean

Description	Qty.	Order Number
Slide mailer	24 / box	2500



Mailer and Envelope

Slide Mailers and Envelopes are available in plastic.

- Plastic mailer holds five slides in a single-piece design with built-in slide separators and a hinged, tight-fitting lid

Description	Qty.	Order Number
Plastic	12 / pack	125

Slide Trays, Mailers, Envelopes and Folders are not approved for IVD use.



Cardboard Slide Folders

Cardboard Slide Folders are made of heavy, reinforced cardboard.

- Hold 3 x 1 in. (76 x 26 mm) microscope slides

Physical specifications

- 20-slide folder (closed): (W x H): 8 x 13.5 in. (20. x 34.3 cm)

Description	Order Number
20-slide folder	1604

Slide Trays, Mailers, Envelopes and Folders are not approved for IVD use.

Small Appliances

epredia



POWERED BY

SHANDONG

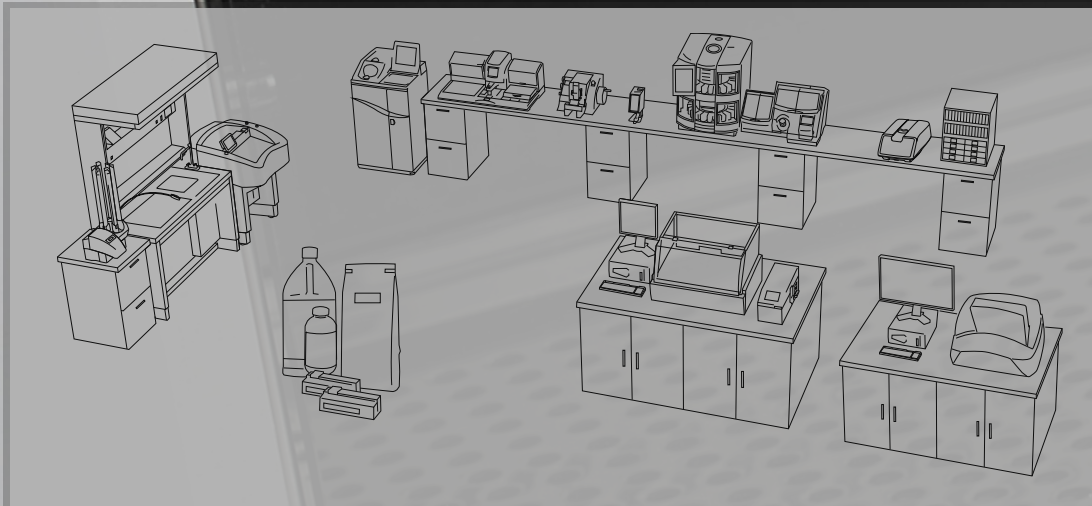
MICROM

MENZEL-GLASER

Richard-Allen
Technology



High-Capacity
Section Dryer





Epredia Slimline Wax Dispenser

- Ultra-fast heating system with digital temperature controls, minimizes the wait for molten wax
- Insulated aluminum tank provides good thermal conductivity and improved temperature control
- Non-drip, three-position lever tap – push dispense, lock open for rapid delivery or locked closed for safety
- Dedicated tap heating system and integrated filter screen (0.5 mm mesh) prevent blockages and ensures even flow of wax
- High tap position (153 mm from the bench) accommodates large containers for transferring molten wax
- Anti-microbial coating (Ag+) to inhibit growth of bacteria

Description	Order Number
Epredia Slimline Wax Dispenser 230V	A84600001
Epredia Slimline Wax Dispenser 110V	A84600002
Country of origin: United Kingdom	
Capacity: 7.5 L (6 kg of pelletized wax)	
Dimensions: 420.5 x 181 x 435.5 mm (D x W x H)	
Temperature range: Ambient – 70 °C (±1 °C) at 25 °C	
Power supply: 110V ac 50/60 Hz or 230 V ac 50/60 Hz	
Rating: 480 Watts	
Weight: 7 kg (15.4 lbs)	
Power cable: USA, UK / EU (Schuko)	

Not an IVD Medical Device and are not intended for diagnostic purposes.



Epredia Paratrimmer

The Epredia™ Paratrimmer™ paraffin block trimmer enables efficient removal of excess wax from the outside of cassettes with no risk of damage to printed text or barcodes and with improved safety for staff.

- Ultra-fast heating system with variable temperature control and memory function to retain desired start up temperature
- Built-in waste wax collection system
- Large heated work surface allows users to de-wax multiple blocks at once
- Anti-microbial paint finish (silver ion) to inhibit growth of bacteria

Description	Order Number
Epredia Paratrimmer 230V	A84600080
Epredia Paratrimmer 110V	A84600081
Country of origin: United Kingdom	
Dimensions: 202 x 152 X 183.5 mm (D x W x H)	
Temperature range: Ambient – 85 °C (±1 °C) at 25 °C	
Power supply: 110 V ac 50/60 Hz or 230 V ac 50/60 Hz	
Rating: 250 Watts	
Weight: 3.0 Kg (5 lbs)	
Power cable: USA, UK / EU (Schuko)	

Not an IVD Medical Device and are not intended for diagnostic purposes.



Epredia Digital Tissue Section Bath

The Epredia Digital Tissue Section Bath features innovative digital controls that maintain water temperature, allowing tissue sections to be efficiently flattened prior to being lifted onto a microscope slide. It has an extra-deep bowl (85mm) for easy section pick up, allowing slides to be fully dipped at any angle, without hitting the bottom.

- Ultra-fast heating system
- Significant slide drying area at the rear of the instrument
- A secure-fitting lid (optional) reduces airborne contamination, evaporation and improves heating efficiency
- Automatic over-temperature cut-out for safety
- Anti-microbial paint finish

Description	Order Number
Epredia Tissue Section Bath 230V	A84600060
Epredia Tissue Section Bath 110V	A84600061
Epredia Tissue Section Bath Lid	A84610141
Country of origin: United Kingdom	
Bowl Capacity: 3.5L	
Dimensions: 370 x 295 x 135 mm (D x W x H)	
Temperature Range: Ambient – 30 - 70 °C (±1 °C) at 45 °C	
Power Supply: 110V ac 50/60 Hz or 230 V ac 50/60 Hz	
Rating: 400 Watts	
Weight: 4.5 Kg (10 lbs)	
Power Cable: USA, UK / EU (Schuko)	

Not an IVD Medical Device and are not intended for diagnostic purposes.



Epredia Slimline Hotplate

Optimize your laboratory's slide mounting workflow with Epredia hotplates. Designed for quick drying of slides and easy repositioning of paraffin samples, each features an ultra-fast heating system and small form factor.

- Matte black heating surface coating for optimal visual contrast for paraffin tissue sections
- Ultra-fast heating system with variable temperature control and memory function that retains desired start-up temperature
- Optional stainless steel lid for improved heating efficiency
- Moveable slide support rails
- Bright LED display for temperature control
- Anti-microbial coating

Description	Order Number
Epredia Slimline Hotplate 230V	A84600030
Epredia Slimline Hotplate 110V	A84600031
Epredia Slimline Hotplate Lid	A84610081
Country of origin: United Kingdom	
Dimensions: 450 x 183 x 85.5 mm (D x W x H)	
Temperature Range: Ambient – 95 °C (±1 °C) at 20 °C	
Power Supply: 110 V ac 50/60 Hz or 230 V ac 50/60 Hz	
Rating: 400 Watts	
Weight: 2.2 Kg (4.4 lbs)	
Power Cable: USA, UK / EU (Schuko)	

Not an IVD Medical Device and are not intended for diagnostic purposes.



Epredia High-Capacity Section Dryer

Our section dryers offer rapid, efficient drying of sections without overheating the specimen. They draw air through the bottom of the unit and circulate it at a digitally controlled temperature.

- 390 slide capacity – 13 racks of 30 slides including the rack hanger and handle.
- Ultra-fast heating system for rapid warm up.
- Digital temperature control accurate to ± 1 °C at 45°C.
- Fan assisted heating – sections dry in approximately 10 minutes.
- Controls are located on top of instruments to protect from moisture.
- Innovative resistance hinges - allow the door to be positioned at any angle
- Anti-microbial finish

Description	Order Number
Epredia High-Capacity Section Dryer 230V	A84600050
Epredia High-Capacity Section Dryer 110V	A84600051
High-Capacity Section Dryer Four-Rack Timer Unit B	A84610121
High-Capacity Section Dryer Four-Rack Timer Unit C	A84610122
Country of origin: United Kingdom	
Dimensions: 320 x 469 x 346 mm (D x W x H)	
Temperature Range: Ambient – 75 °C (± 1 °C) at 45 °C	
Power Supply: 110 V ac 50/60 Hz or 230 V ac 50/60 Hz	
Rating: 1,000 Watts	
Weight: 15.4 Kg (33.8 lbs)	
Power Cable: USA or UK / EU (Schuko)	

Not an IVD Medical Device and are not intended for diagnostic purposes.

Digital Pathology

collaborative
digital solutions



Comprehensive Digital Pathology Solutions

When slides need to be scanned for consultation or analysis, having choices in capacity and speed are critical. The slide scanners from 3DHitech are designed to bring digital pathology to any lab, and allow for virtually instant communication between doctors and labs around the world.

Comprehensive Solutions

- Complete family of scanners for any size lab
- Fully automated tissue microarrayers designed to save time and produce array blocks while conserving valuable tissue samples
- QuantCenter technology provides automatic image analysis across a spectrum of quantification needs

Flexibility for Any Lab

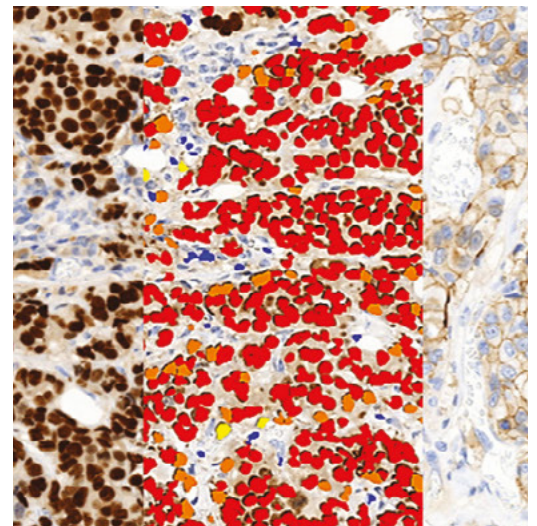
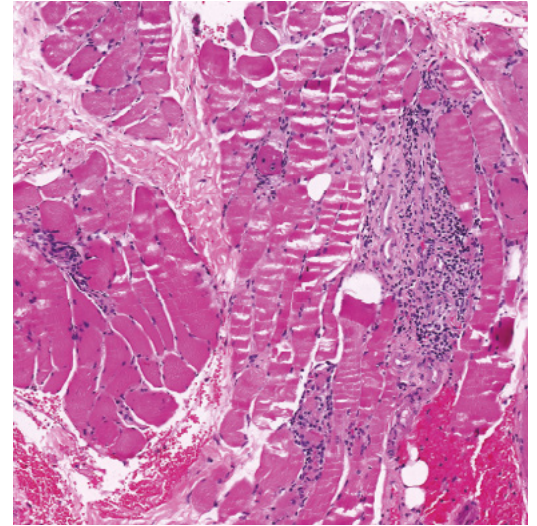
- Scanners for brightfield only or combined brightfield and fluorescent scanning in both live-view and saved to folder settings
- Slide capacities from one up to 1,000 slides per load
- Hands free microarray crafting customized core blocks for low and high volume labs

Collaboration is Easy

- Communication with other labs has never been easier or faster, with the ability to scan slide images and send them for further viewing within seconds

The Total Solution

- Get peace of mind with EpreDia extended service contracts that include preventative maintenance and thorough, expedited repairs, ensuring minimal downtime in your laboratory



For research and education uses only, not for use in diagnostic procedures

3DHistech Panoramic Slide Scanners



3DHistech Panoramic 1000

3DHistech's Panoramic™ 1000 is an end-user friendly, fast, and efficient slide digitalization system. Its 1000-slide capacity and robust design offer a reliable solution for high-volume whole-slide imaging.

- Ability to load up to 1000 standard slides at once
- Double width slide options for mixed standard and double width slide scanning at the same time
- Fully automatic loading and imaging reduces time in-between scans for high throughput
- Robust granite base reduces vibration artifact giving superior image quality
- Dual slide stage enables scanning and exchanging slides at the same time increasing work flow
- Heavy duty construction for high slide volume use
- Low maintenance design allowing a walk-a-way implementation
- STAT options to prioritize which slides get scanned first
- Rapid loading of slide holders without slowing throughput
- Preview samples for defined protocols while routine slides scan
- Two objectives exchangeable automatically during scanning for routine and high magnification demands
- 1D and 2D barcode reading and parsing
- Automated tissue detection and automated coverslip detection eliminate scanning non-sample areas

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3DHistech Panoramic 250 FLASH III



3DHistech™ Panoramic 250 Flash III, an all-in-one solution for digital pathology research and archiving. Enjoy increased speed and efficiency in routine digital pathology with 60 slides per hour.

- 250-slide capacity and continuous loading with vertical slide arrangement
- Award-winning, exceptional image quality for both brightfield and fluorescent scanning with up to nine single-band or multi-band filter slots with advanced FISH scanning techniques
- Pulsed Xenon FLASH light source for high-speed brightfield scanning
- Single or dual objective options for both low and high magnification needs up to 116x
- Darkfield preview for easy optimization of fluorescent samples
- Brightfield slide scanning in one minute at 40x resolution
- Motorized objective and camera changer
- Automatic slide loading, previewing, barcode reading and scanning
- All-round system for high-volume slide scanning in brightfield only or brightfield and fluorescent options

3DHistech Panoramic SCAN II



Save time in routine pathology and enjoy brightfield only or brightfield and fluorescent scanning solutions in the same machine.

- 150-slide capacity and continuous loading with vertical slide arrangement
- Award-winning, exceptional image quality for both brightfield and fluorescent scanning with up to nine single-band or multi-band filter slots with advanced FISH scanning techniques
- Single or dual objective options for both low and high magnification needs up to 116x
- Motorized objective changer
- One high-quality monochrome camera is used for both brightfield and fluorescence with unique three-channel brightfield light source and Lumencor FL Light Engines
- Automatic slide loading, previewing, barcode reading and scanning
- All-around system for medium volume slide scanning
- Darkfield preview for easy optimization of fluorescent samples

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3DHitech Panoramic MIDI II

A versatile, low-volume digital pathology solution for smaller labs.

- Twelve-slide capacity and continuous loading with horizontal slide arrangement
- Wet slide compatibility
- Brightfield and up to nine single-band or multi-band filter slots for fluorescent scanning
- Single or dual objective options for both low and high magnification needs up to 116x
- Darkfield preview for easy optimization of fluorescent samples
- Award-winning, exceptional image quality for both brightfield and fluorescent scanning with up to nine single-band or multi-band filter slots with advanced FISH scanning techniques



3DHitech DESK II

An excellent choice for teleconsultation and remote section scanning.

- Double-wide slide capacity
- Brightfield only scanning
- 40x and higher magnification options

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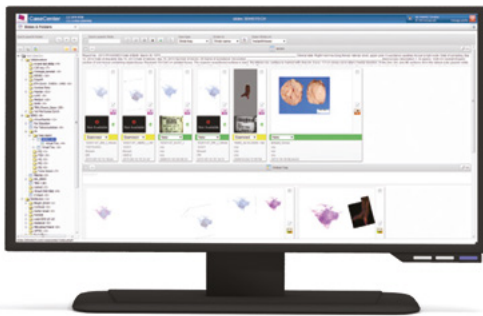
3DHitech Frozen Section Solutions



3DHitech MacroStation

3DHitech MacroStation – easy-to-use grossing platform with image recording system. Designed to share images of specimens large and small. Document linked margins, orientation sutures/wires, and dissection samples.

- Lightweight design, so it does not require any additional work for its installation and daily use
- Built-in light source and zoom functions to ensure high-quality gross images
- Chemical resistant materials for the easy cleaning
- Images can be uploaded and can be used as regular whole slide images for annotation, sharing or teleconsultations



3DHitech CaseCenter

CaseCenter is a full featured digital slide management software. Its flexible structure can be adapted to various fields, including research applications, teleconsultation and education. Integration with existing medical information systems is also possible.

- Digital slide management with flexible folder and case structure
- Use barcodes to organize your digital slides, macro images and project files easily
- Multiple user levels for different access to information

For research and education uses only, not for use in diagnostic procedures

Digital Image Analysis

QuantCenter is a powerful, automatic image analysis platform designed for digital whole slide quantification process.

Designed to fit seamlessly in the conventional microscopic investigation process, QuantCenter includes algorithms from tissue classification to cell-based FISH analysis that can be freely combined. It offers computer-aided image analysis allowing accurate, high-quality analytical results to be generated quickly.

The QuantCenter framework allows the connection of a variety of image analysis applications to generate a unique image analysis scenario. By using this feature, as the first step tissue classification modules can be applied

Molecular pathology

FISHQuant

- A powerful cancer and cytogenetic application dedicated to quantify FISH (Fluorescence In Situ Hybridization) signals on tissue samples of solid tumor diseases like: breast and lung cancer, sarcomas, and lymphomas.
- This module is suitable for examination of hematological tumors, FISHQuant classifies the interphase and metaphase cells individually for a comprehensive evaluation.

CISHQuant

- Quantify CISH (Chromogenic In Situ Hybridization) stained samples. The algorithm can be calibrated to the stain protocol and quality by using an integrated color setting tool. This module is suitable for examining gene amplification, deletion and chromosome aberration.

CISH-RNAQuant

- Detects RNA virus in virus-infected cell nuclei (Epstein-Barr virus, HPV, HHV8).
- The application contains a color adjustment module which can be calibrated to the applied stain protocol and quality.

Histopathology

Tissue classification

HistoQuant

- A histological segmentation module which identifies tissue elements based on the color and intensity of the image pixels.
- This module could be run as a standalone application or could be combined with any of our IHC quantification modules for brightfield or fluorescence analysis.

PatternQuant

- A trainable pattern recognition module for tissue classification, tissue pre-segmentation and identification of different tissue structures.
- The machine-learning-based algorithm is able to classify different tissue types based on their texture pattern and color features.

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IHC quantification

NuclearQuant

- A cell nuclei detection module designed for cell nuclei detection and quantification of IHC stained samples. The algorithm can be calibrated to the stain quality (from multiple automated stainers or manual procedures) by using an integrated color setting tool.

MembraneQuant

- A membrane detection software application can be used for IHC stained histological sample quantification. The algorithm can be calibrated to the stain quality (from multiple automated stainers or manual procedures) by using an integrated color setting tool.

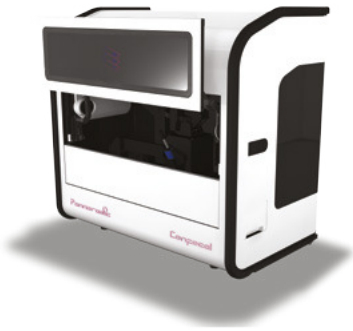
CellQuant

- A cell detection application which is optimal for several IHC quantification.
- The application is adequate for cell nuclei, cytoplasmatic and membrane marker quantification. The software reports results based on dedicated scores and positivity ranges of cell nuclei, cytoplasm or membrane signals.

DensitoQuant

- An easy to use, fast and accurate, stain-intensity-based IHC quantification tool.
- The application identifies the positive stain, based on an automatic color separation method through which individual positive pixels are counted and classified based on intensity and threshold ranges.

Whole-Slide Confocal Microscopy and 3D Histology



3DHISTECH Pannoramic MIDI Confocal

The Pannoramic Midi Confocal digital slide scanner offers whole tissue confocal scanning. Confocal technology prevents vital details from becoming lost against blurry backgrounds. The system scans your entire section at once – avoiding missing information and minimizing bleaching of light sensitive areas. Your slide can be accessed fast, anytime and anywhere!

This revolutionary system offers brightfield, confocal and widefield fluorescent imaging in a single instrument.

- Easy scanning for high productivity: automatic sample localization, automatic exposure, multi-slide mode
- Unique technologies for increased speed: darkfield and fluorescent preview – effectively skipping empty areas, a Lumencor LED light engine for excellent illumination, Scientific sCMOS camera – high sensitivity with low noise for short exposure times, fully automatic water immersion system for high NA objective
- Anti-bleaching solutions: structured illumination for collecting every usable light from the sample, high brightness confocal mode for weak signals, hardware light triggering to avoid unnecessary sample illumination, reducable light intensity for sensitive samples
- Advanced options: customizable area selection, adjustable scanning and image processing options

3DHistech 3DView

3DView offers 3-D reconstruction of the images giving an amazing insight view of the whole specimen. Up to 100 Z-stacks with customizable spacing between layers.

Microscope slides allow you to see one section of reality. Even with Z-stack or Extended focus, you are still constrained to that one section only. 3DHistech offers you a tool that can reconstruct the original tissue from its serial sections. Unlike MRI, the 3DView software lets you look into microscopic details while also showing you the tissue in its original form.

For research and education uses only, not for use in diagnostic procedures

Tissue Microarrayers



3DHitech TMA Grand Master

- High-capacity workflow with 72 blocks (60 donor and 12 recipient) at the same time
- High-speed microarray – maximum of twelve seconds per core
- Simultaneous loading, imaging, drilling and punching
- Select core diameters in 0.6, 1.0, 1.5, and 2.0 mm



3DHitech TMA Master II

- Upgraded hardware
- High TMA quality
- Five-block capacity
- Fully automated control
- Small footprint
- Select core diameters in 0.6, 1.0, 1.5, and 2.0 mm

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3DHistech TMA Control Software

An easy-to-use solution for TMA block design and creation.

- Project based workflow
- Recipient block layout designer
- Ability to import donor block ID and additional sample data from Excel file
- Barcode-based donor block identification
- Automated digital slide search from CaseCenter or local drive
- Automated digital slide overlay with TMA markers from viewer
- Ability to place tissue cores in a clean cuvette tube
- Customizable export tool: export TMA data with donor block images

3DHistech TMA Module

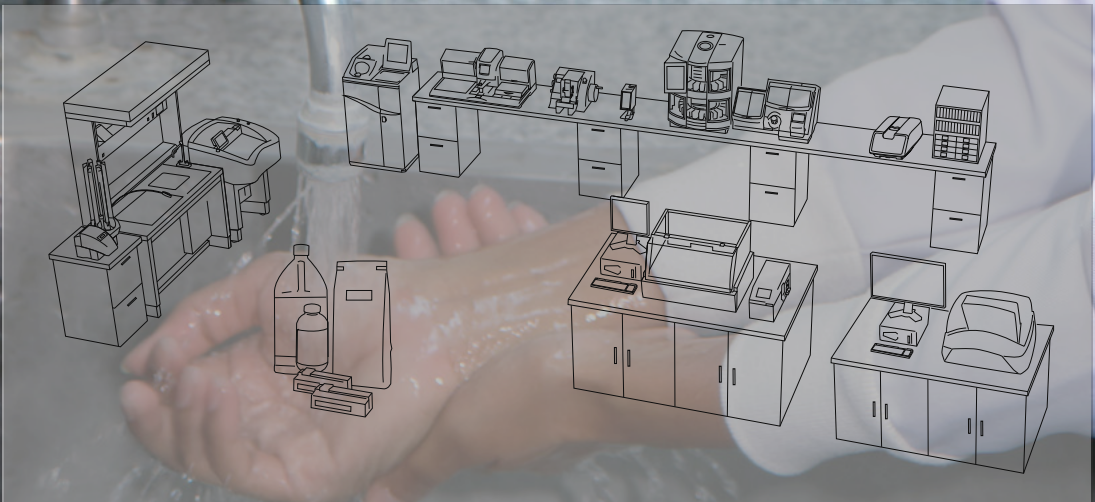
- For high-throughput tissue microarray analysis
- Project based: multi-user, multi-slide
- Flexible gallery
- Works with Excel™ database created by the TMA Master or the TMA Grand Master

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For research and education uses only, not for use in diagnostic procedures

Stand-Alone Consumables

everyday
solutions
for your
laboratory



Discover new solutions to your laboratory's peskiest problems

Hand Care Line

Comprehensive line of hand sanitizers, soaps, lotions, and glove liners to protect your laboratory staff while maintaining healthy, moisturized skin.

Prefilled Containers

Easily transfer patient tissue samples in containers of various sizes prefilled with your preferred fixatives.

Biopsy Bags

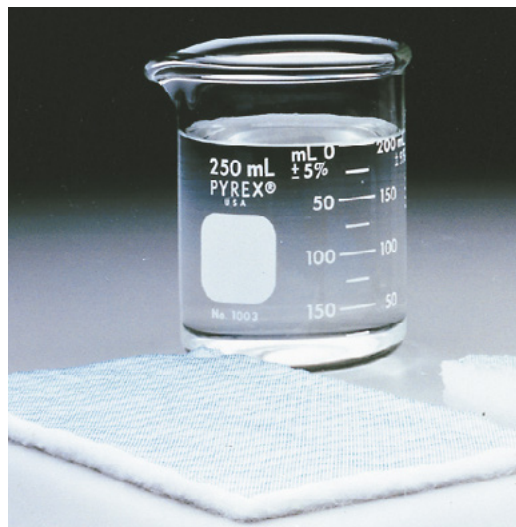
Mesh bags designed to protect fragile patient samples that allow for the exchange of fluid around the tissue.

Morgue and Autopsy

Epredia offers a full range of organized, stand-alone, and benchtop pathology workstations for the gross examination and sectioning of specimens.

Tissue Marking Dyes

Easily mark the margins of tissue for standard processing and cytotomy with Epredia tissue marking dyes.



Epredia Handcare

Epredia handcare products are designed specifically for healthcare and laboratory workers, as well as other professionals, to prevent skin irritation caused by frequent washing and gloving.

SoftCIDE Handwash

Specialized formulations replenish the natural oils of the skin. All soaps are pH balanced with the skin and contain mild ingredients.

- **SoftCIDE:** Extra-mild, fast-acting, antimicrobial soap, 1% PCMX. Effective against a broad spectrum of microorganisms, yeast, and fungi, SoftCIDE is a healthcare personnel handwash.
- **SoftCIDE-ES:** Cost-effective, antimicrobial soap, 0.3% PCMX. Effective against a broad spectrum of microorganisms, SoftCIDE-ES features a high sudsing power and a thick, rich texture.
- **SoftCIDE-NA:** Cost-effective, plain soap. Clear pink in color, SoftCIDE-NA washes away the most stubborn grease, oil, dirt, and harmful microorganisms.

SoftGUARD Hand Lotions

SoftGUARD™ hand lotions are latex and CHG soap compatible. They are petroleum, mineral oil, and fragrance free, and are non-greasy and absorb immediately into the skin. SoftGUARD lotions are pH balanced with the skin and feature an extra-strength antimicrobial preservative system to prevent cross-contamination. The unique barrier feature helps prevent occlusion of the skin. For best results, apply after each handwashing, before gloving, and at the end of each day.

Foaming Handcare

- **AlcoSCRUB™ foam:** Antiseptic hand cleanser, 62% ethyl alcohol, 99.9% effective against a broad range of microorganisms. Foam is ideal for situations where soap and water are unavailable.
- **SoftCIDE-NA Foam:** Plain soap, Green Seal™ Certified, formulated with vitamin E and aloe vera. Designed for light to medium soil removal, SoftCIDE-NA foam also helps rinse away harmful bacteria.

Handcare products are not approved for IVD use.

AlcoSCRUB

An effective antiseptic hand cleanser to kill harmful bacteria.

- 99.9% effective against a broad spectrum of microorganisms
- Contains emollients to soften skin: Vitamin E and aloe
- No sticky residue and absorbs completely
- Mild on hands
- Fast-acting, antimicrobial strength (62% ethyl alcohol)
- No strong or lingering fragrance; no water or towel needed
- Meets CDC guidelines

UltraFIT Nylon Glove Liners

UltraFit™ nylon glove liners are for hands that are extra sensitive to latex, nitrile, and vinyl gloves. They feature a form-fitting design and seamless fingertips. They are great for keeping hands warm when working in frozen/refrigerated areas, and feature optimum dexterity and sense of touch.

- Non-linting and washable; designed for multiple uses
- Skin-tight fit and ultra-thin fabric
- Provide protection from irritation and help prevent occlusion of the skin

Description	Order Number
SoftCIDE Handwash	
32 oz (946 mL) bottle with pump-top	21032-06-001
128 oz/gallon (3.78 L) refill jug	21128-04-001
SoftCIDE-ES Handwash	
32 oz (946 mL) bottle with pump top	28032-12-001
SoftCIDE-NA Handwash	
32 oz (946 mL) bottle with pump top	27032-08-001
SoftCIDE-NA Handwash GreenSeal™ Certified	
32 oz (946 mL) bottle with pump-top	25032-12-001
AlcoSCRUB Foam Hand Cleanser	
1.7 oz (50 mL) foaming bottle with pump-top	43002-24-001
32 oz (946 mL) foaming bottle with pump-top	43032-08-001
AlcoSCRUB Hand Cleanser	
16 oz (473 mL) bottle with pump-top	42016-12-001
32 oz (946 mL) bottle with pump-top	42032-12-001
Handcare Accessories	
Pump-top for 128 oz/gallon (3.78 L) refill jug	11901-12-001
16 oz (473 mL) and 32 oz (946 mL) wall bracket	21902-12-001
32 oz (946 mL) foaming wall bracket ONLY	FMBKT-24-001

Description	Order Number
UltraFIT Glove Liners (Inspected for Medical Use)	
Small, green cuff band, medical	51001-12-001I
Medium, orange cuff band, medical	51002-12-001I
Large, blue cuff band, medical	51003-12-001I
UltraFIT Glove Liners (Laboratory/Cleanroom Use)	
Small, green cuff band	51001-12-001
Medium, orange cuff band	51002-12-001
Large, blue cuff band	51003-12-001
Extra-large, red cuff band	51004-12-001



Handcare products are not approved for IVD use.

Specimen and Grossing Containers

Specimen and grossing containers provide convenient fixation of tissue specimens. Designed to be used at full strength and should not require any additives. Made of clear polystyrene or clear polypropylene. Allow for 15 to 20 times the volume of fixation fluid to volume of specimen. Packed in handipacks and/or trays. Not all prefills are available in EMEA.

Description	Qty.	Order Number
Prefilled Containers		
10% NBF 20 mL jar	192 / case	59201
10% NBF 40 mL jar	96 / case	51401
10% NBF 40 mL jar	168 / case	59401
10% NBF 60 mL jar	96 / case	51601
10% NBF 60 mL jar	126 / case	59601
10% NBF 90 mL jar	100 / case	56901
10% NBF 90 mL jar	120 / case	59901
10% NBF 120 mL jar	90 / case	591201
10% NBF 120 mL jar	96 / case	511201
10% Zinc Formalin 20 mL jar	192 / case	59201ZF
10% Zinc Formalin 20 mL jar with prostate kit #59201	192 / case	29012
10% Zinc Formalin 40 mL jar	168 / case	59401ZF
10% Zinc Formalin 60 mL jar	126 / case	59601ZF
10% Zinc Formalin 90 mL jar	120 / case	51901
10% Zinc Formalin 120 mL jar	90 / case	591201ZF
Dry Containers		
Dry container 20 mL	284 / case	59202
Dry container 40 mL	216 / case	59402
Dry container 60 mL	150 / case	59602
Dry container 60 mL	150 / case	53602
Dry container 90 mL	125 / case	59902
Dry container 120 mL	100 / case	531202
Dry container 120 mL	100 / case	591202

Description	Qty.	Order Number
Signature Series Containers		
10% NBF 20 mL jar	384 / case	56201
10% NBF 40 mL jar	216 / case	56401
10% NBF 60 mL jar	144 / case	56601
10% NBF 60 mL jar	150 / case	53601
10% NBF 90 mL jar	125 / case	53901
10% NBF 120 mL jar	75 / case	561201
10% NBF 120 mL jar	100 / case	531201
Additional Containers		
Formal-Fixx 20 mL jar	180 / case	9990910
Formal-Fixx 60 mL jar	125 / case	9990914
Formal-Fixx 90 mL jar	125 / case	9990916
Formal-Fixx 120 mL jar	125 / case	9990918
Cytospin Collection Fluid 120 mL jar	125 / case	9990323
Glyo-Fixx™ 20 mL jar	180 / case	9990920
Glyo-Fixx 60 mL jar	125 / case	9990924
Glyo-Fixx 120 mL jar	125 / case	9990928
Mucolexx 120 mL jar	50 / case	9990375

Biopsy Bags

Biopsy bags protect precious patient tissue samples by reducing the risk of small specimen loss. The biopsy bags allow for optimal exchange of fluid through the tissue.

Biopsy Bags - Blue

These biopsy bags are monofilament blue anti-static nylon that provide superior fluid dynamics and easy specimen identification due to the blue tint.

Description	Qty.	Order Number
Biopsy bag, blue, small	200 / case	6774014
Biopsy bag, blue, small	500 / case	6774015
Biopsy bag, blue, small	1000 / case	6774010
Biopsy bag, blue, medium	200 / case	6774012
Biopsy bag, blue, medium	500 / case	6774013
Biopsy bag, blue, medium	1000 / case	6774009
Biopsy bag, blue, large	500 / case	6774011

Biopsy Bags - White

These biopsy bags are solvent resistant and allow for optimal exchange of fluid through tissue.

Description	Qty.	Order Number
Biopsy bag, white, small	1000 / case	6774022
Biopsy bag, white, medium	1000 / case	6774019
Biopsy bag, white, large	500 / case	6774024

Biopsy Bags - White

These biopsy bags feature an easy to pinch opening that allows for easy insertion of the specimen sample, yet keeps samples secure. Biopsy bags are conveniently packaged and are made from solvent-resistant nylon.

Description	Qty.	Order Number
Biopsy bag, white, small*	1000 / case	6774010W
Biopsy bag, white, small*	200 / case	6774014W
Biopsy bag, white, medium	1000 / case	6774009W
Biopsy bag, white, medium	200 / case	6774012W
Biopsy bag, white, large	500 / case	6774011W

*Not available for purchase in EMEA

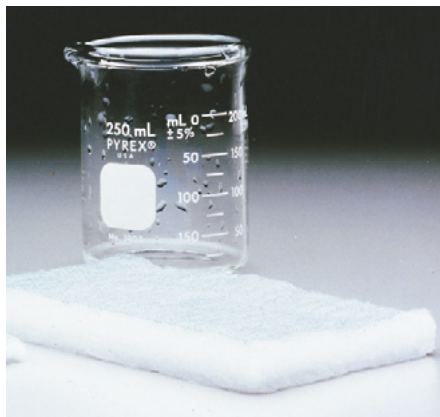
Biopsy Bags - White

These biopsy bags are polyester, acid resistant bags which can be used during decalcification.

Description	Qty.	Order Number
Biopsy bag, white, medium, acid resistant	250 / case	6774050
Biopsy bag, white, small, acid resistant	250 / case	6774051
Biopsy bag, white, large, acid resistant	250 / case	6774052



Morgue and Autopsy



Filters

Description	Qty.	Order Number
Formalin neutral filter	ea.	9990612
Gemini AS/Excelsior AS Consul™ charcoal f/ XY filter	ea.	9990610
Grosslab™ Sr filter, full set - includes two potassium permanganate and two fine particle filters	ea.	9990850
Grosslab Jr filter, full set - includes two potassium permanganate and two fine particle filters	ea.	1001618
Hyperclean™ charcoal filter	6 / pk	7411258
Hyperclean 2 charcoal filter	ea.	9990615
Suresorb™ dissecting table pad, 22 x 20 in.	50 / case	9834

Saws

Description	Qty.	Order Number
Bone saw with set of coarse fine blades	ea.	1001797
Councilman chisel, 2 x 2.25 in., 7 in. long	ea.	605

For Morgue and Autopsy Use Only



Forceps and Scissors

Description	Qty.	Order Number
Cartilage forceps, straight, 5 in.	ea.	163
Cartilage forceps, fine point curved, 5 in.	ea.	1631
Microdissecting forceps, fine, 4.75 in.	ea.	3120019
Potts-Smith dressing thumb forceps, 7 in., premium	ea.	1001592
Tube occluding clamp hemostatic forceps, straight, smooth jaws	ea.	3120012
Dissecting scissors, straight blunt sharp, 5.5 in.	ea.	28252
Iris scissors, straight, 4.5 in., premium	ea.	731210



Description	Qty.	Order Number
Instrument complete case	ea.	9996969
Small dissecting board, cork, 12 x 16 x 0.75 in.	ea.	36119
Large dissecting board, cork, 16 x 23 x 0.75 in.	ea.	361
Autopsy headrest, rubber, black	ea.	407
Post mortem needle, double curved, 5 in.	12 / pack	4111T
Virchow skull breaker, 3.5 in.	ea.	607

For Morgue and Autopsy Use Only

Tissue Marking Dyes

Mark-It Tissue Marking Dyes

Mark-It™ Tissue Marking Dyes are used for tissue margin identification.

- Permanent dyes that maintain their original brilliance during routine tissue processing cycles
- Can be used on fresh or formalin-fixed tissues

Uses include:

- Marking surgical margins
- Identifying serial segments of large tissues to ensure proper orientation and embedding
- Maintaining proper tissue orientation for Mohs surgery specimens
- Identification of multiple pieces of tissue processed in the same cassette



Tissue Marking Dyes

Tissue Marking Dyes permanently mark the margins of excised surgical specimens for exact orientation.

- Special binding pigment evenly coats the tissue without penetrating tissue surface
- Does not interfere with diagnostic interpretation because colors are not similar to standard histopathology dyes
- Quick-drying and easy-to-use decreases time factor in urgent frozen sectioning



Ordering Information:

Available individually or as a kit (includes one bottle each of black, blue, yellow, red and green; 50 applicator sticks; storage base).

Poly-L-Lysine Solution

- Poly-L-Lysine solution is packaged for easy dilution

Description	Order Number
Mark-It tissue marking dyes	5000
Tissue marking dyes	3120123

Epredia Trademarks

Angus-Ranieri
 Cell-Fixx
 Chromaview
 Clarifier
 Clear-Rite 3
 ClearVue
 ColorFrost
 ColorFrost Plus
 ColorMark
 Consul
 Cryochrome
 CryoMatrix
 CryoStar
 Cryotome
 Cytoclip
 Cytocool
 Cytofunnel
 CytoRich
 CytoRich Red
 Cytoseal
 Cytoslides
 Cytospin
 Cyto-Stain
 Edge-Rite
 Excelsior
 EZ Double Cytofunnel
 EZ Megafunnel
 EZ Single Cytofunnel
 EZ-Mount
 Fix-Rite
 Flex
 Formal-Fixx
 Gemini
 Gill
 Glyo-Fixx
 Grosslab
 HistoGel
 HistoScreen
 HistoStar
 Hyperclean

Ice-It
 Immu-Mount
 Kwik-Diff
 Labwriter
 Linistat
 Mark-It
 Microm
 Mucolexx
 Mx35 Premier
 Neg-50
 Nu-Clear
 Para Trimmer
 Parapel
 Para-Release
 Peel-A-Way
 Pen-Fix
 Polysine
 PrintMate
 Rapid-Chrome
 Rapid-Fixx
 Resolve
 Revos
 Richard-Allan Scientific
 Seal-Rite
 Secureline
 Shandon
 Signature Series
 SlideMate
 STS (Specimen Transport System)
 Super Mega
 SuperFrost
 Suresorb
 TBD-1
 TBD-2
 Epredia
 TissueLoc
 Varistain
 Zinc Formal-Fixx

Other Trademarks

Carbowax Union Carbide
 DRS Sakura Finetek
 Excel Microsoft Corp.
 Leica Leica Technology
 Octospot Bath Analytical In.
 PARA/Gard..... Triangle Biomedical
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 Sakura..... Sakura Finetek
 Vytac Cartier Chemical Ltd.

Find out more at [epredia.com](https://www.epredia.com)

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