

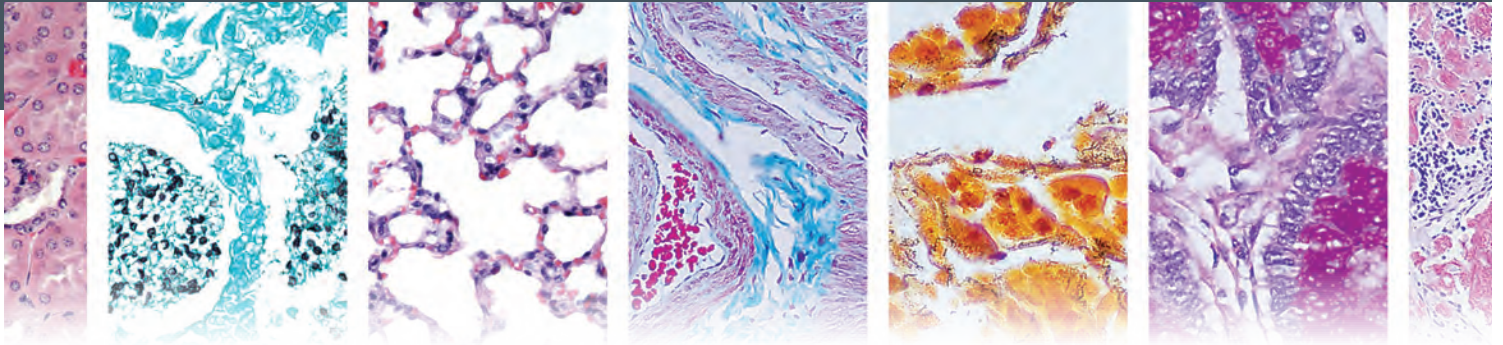
LABVITALS

DELIVERING ESSENTIAL HEALTHCARE SOLUTIONS

ANATOMICAL PATHOLOGY

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Instrument Cleaning & Care
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for Collection & Transport

VWR Has All You Need for Anatomic Pathology

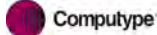


The VWR Clinical portfolio has recently expanded offering a wide selection of products from valued suppliers to support your Histology applications. With the addition of 15+ new suppliers and over 3,000 new products, we continue to offer one-stop shopping with product choice. You will find products for every step of the Anatomic

Pathology workflow including Specimen Collection & Transport, Fixation & Tissue Processing, Embedding, Sectioning, Staining, Coverslipping, Archiving & Storage, and General Lab Supplies.

Visit vwr.com/ap for a full list of our Anatomic Pathology products.

Continually growing to support your Healthcare needs.
To learn more, contact us today!



Contact your VWR Sales Representative for consortium pricing, samples, and additional information. All prices in US dollars.



designed for your applications



VWR® Illuminated Tissue Flotation Baths

Designed for use in the Histology Lab that is conducting tissue preparation. Premium unit includes an Orienter and Dryer Block to assist in drying and smoothing slides and specimens.

- Easy removal of sample for cleaning
- Compact footprint
- Temperature: ambient +5°C to 65°C

Description	Electrical	Cat. No.	Each
Illuminated Tissue Flotation Bath	115V, 50/60Hz	97043-530	1756.62
Illuminated Tissue Flotation Bath	230V, 50/60Hz	97043-532	1428.94
Premium Illuminated Tissue Flotation Bath	115V, 50/60Hz	97043-534	2277.07
Premium Illuminated Tissue Flotation Bath	230V, 50/60Hz	97043-536	1899.09

VWR® Prefilled Histology Containers

Containers are half-filled with 10% neutral buffered formalin, for the collection and transport of tissue samples.

- Packaged in transport packs with handles
- Dual thread closure and a leak-resistant seal
- 95kPa compliant



Capacity, mL	Cat. No.	Case of
20	16004-112	20/ 400.30
40	16004-115	40/ 67.99
60	16004-117	60/ 87.73
90	16004-119	90/ 93.68
120	16004-121	120/ 113.30
180	16004-122	180/ 325.08
240	16008-000	240/ 157.56
480	16004-124	480/ 237.09
1000	16004-130	1000/ 204.78



VWR® Pop Up Razor Blade Dispenser

The VWR Reloadable Pop Up Dispenser System is ideal for Tissue Block Trimming and Grossing.

- Designed for safety and speed
- Reduce injuries - easy to load and remove cartridge
- Flip-open front; in-use blade holder
- Innovative, heavy-duty design with nonskid, heavy bottom
- Reloadable

Refill Cartridges are packaged 10 cartridges per case. Each cartridge is labeled with a blade type detail ("CS" for carbon steel blades, "SB" for steel back blades, "W" for washed blades, or "3" for 3 facet blades). The clamshell packaging is cleanroom ready.



Description	Cat. No.	Case of 5
Pop Up Razor Blade Dispenser	10835-969	255.67

VWR® Pop Up Blade Dispenser Refill Cartridges

Blade Steel	Blade Size, in.	Coated Blade	Backing Material	Washed, Degreased	Cat. No.	Pack of	Case of 1,000
2 Facet Blades							
Carbon	.009	No	Steel	Yes	10835-967	100/ 28.61	216.53
Carbon	.009	No	Steel	No	10835-981	100/ 15.34	115.75
Carbon	.012	No	Steel	Yes	10835-965	90/ 24.08	187.71
3 Facet Blades							
Stainless	.009	Yes	Steel	No	10835-971	100/ 37.46	283.44
Carbon	.009	No	Steel	Yes	10835-973	100/ 35.40	267.90
Stainless	.009	Yes	Steel	Yes	10835-963	100/ 45.64	345.34
Carbon	.009	No	Steel	No	10835-975	100/ 23.84	180.44
Stainless	.009	No	Steel	Yes	10835-977	100/ 42.56	322.03
Stainless	.009	No	Stainless	Yes	10835-979	100/ 55.15	417.26

Troubleshooting Surgical Instrument Cleaning and Care



No Steel is Truly "Stainless"

It's a fact that so-called stainless steel is subject to both water-spotting and staining. However, what many people identify as a "rust" problem usually turns out to be something else. Most often the problem is actually a stain caused by a surface deposit. These deposits appear in a variety of colors depending upon the type of deposit involved.

Once the cause is found and eliminated, most often the problem quickly diminishes or disappears completely.

Corrosion

Problem: Debris and residue in box locks, serrations and ratchets.

Solution: Serrations, box locks, and ratchets should be carefully cleaned and rinsed. A soft bristle brush is effective in these difficult areas.

Problem: Moisture remaining on the instruments within the sterile wrapped packs; excessive moisture in autoclave during sterilization and termination of cycle.

Solution: Preheat autoclave, drying time cannot be accelerated, open autoclave door slightly. Routinely inspect valves; malfunctioning valves can precipitate corrosion.

Problem: Some local water supplies contain excessive quantities of alkali, which can manifest itself by depositing corrosive matter on instruments.

Solution: It's generally accepted that cold distilled or demineralized water be used during sterilization. An alternative is to use the local water supply, while instituting a program of preventative maintenance. Carefully clean surfaces with SKLAR KLEEN™, using SKLAR POLISH™ to remove difficult stains and SKLAR LUBE™ for proper lubrication.

Pitting

Problem: Instruments are inevitably exposed to chemical compounds that initiate pitting. The most common are saline solutions and blood.

Solution: It's essential that instruments be rinsed with distilled or demineralized water and then cleaned routinely.

Problem: Some Non-Sklar detergents contain chloride or have an acid base. If rinsing is not thorough, the residual detergent can precipitate pitting. Hydrochloric acid can be formed by the combination of chloride in the cleaner and steam, causing the instrument to pit.

Solution: Evaluate detergents without a chloride base. SKLAR KLEEN is recommended.

Problem: Instruments may be pitted when the detergent used has an excessively high pH. If instruments are not rinsed thoroughly, and then autoclaved, the heat increases the effect of the solution on the instruments.

Solution: Use only detergents specifically developed for instrument cleaning. SKLAR KLEEN products are pH balanced.

Bluish Gray Stains

Problem: Cold sterilizing solutions.

Solution: In the preparation of the solution make certain that the manufacturer's directions are followed accurately. To minimize discoloration, use distilled water and add a rust inhibitor. Using the solution beyond recommended time limitations will cause the solution to become corrosive.

Brownish Stain

Problem: This stain is more obvious on dull finish instruments. Most likely, it is a deposit of chromium oxide. The thin hard layer protects stainless steel from corrosion precipitated by the atmosphere. The brownish film (sometimes dull blue) occurs naturally when stainless is heated. Occasionally this stain can be traced to the sterilizer. Improper cleaning compounds could contain polyphosphates that cause the copper components in the sterilizer to be deposited by electrolytic action on the stainless steel instruments.

Solution: Water supply to autoclave should be cold and demineralized. Use the correct amount of SKLAR KLEEN as recommended for best results.

Rust Deposit

Problem: Sterilizing instruments of different metals in the same cycle will cause rusting. An electrolytic action carries the carbon particles from the exposed metal and deposits them on the stainless steel instruments. The rapid oxidation of molecules results in a surface film of rust.

Solution: Ideally, sterilize the two types of instruments separately. It is recommended that chrome plated instruments which indicate signs of peeling or flaking be replaced with stainless steel instruments.

Problem: The rust film on the surface of stainless steel instruments can be caused by chemicals in the detergent. Excess amounts of iron or other minerals from the local water supply may cause the rust deposits.

Solution: It is recommended that instruments be rinsed with distilled or demineralized water. Surface rust can be removed by light buffing or an application of SKLAR POLISH™.

Anatomic Pathology

Specimen Collection & Embedding



Sklar Adson Tissue Forceps

- These smooth forceps are for holding manipulating delicate tissues.

Description	Tip	Cat. No.	Each
Adson Tissue Forceps, 4¾ in.	Straight	82030-272	37.97



Curved Tip

Straight Tip



Sklar Iris Scissors

- These fine, sharp scissors are ideal for detailed dissection of fine tissue and fine suture removal

Description	Tip	Cat. No.	Each
Iris Scissors, 3½ in.	Straight	82030-230	70.75
Iris Scissors, 4½ in.	Straight	82030-236	69.24
Iris Scissors, 3½ in.	Curved	82030-238	66.80
Iris Scissors, 4½ in.	Curved	82030-244	76.40



- #10
- #11
- #12
- #15
- #15C
- #20
- #21
- #22
- #23

Sklar Sterile Disposable Blades & Scalpels

- Sklar surgical blades are manufactured in England in accordance with BS 2982 and BS EN 27740 in ISO 9000 certified facilities
- Sterile blades and disposable scalpels are sterilized by Gamma radiation to a minimum dose of 25 kGy

Description	Cat. No.	Pack of
Scalpel, #10	82029-850	10/ 21.53
Scalpel, #11	82029-852	10/ 21.53
Scalpel, #12	82029-854	10/ 20.30
Scalpel, #15	82029-856	10/ 20.22
Scalpel, #20	82029-858	10/ 20.22
Scalpel, #21	82029-860	10/ 21.53
Scalpel, #22	82029-862	10/ 21.53
Scalpel, #23	82029-864	10/ 21.53
Surgical Blades, #10	82029-834	100/ 85.50
Surgical Blades, #11	82029-836	100/ 84.40
Surgical Blades, #12	82029-838	100/ 82.13
Surgical Blades, #15	82029-840	100/ 81.40
Surgical Blades, #20	82029-842	100/ 82.13
Surgical Blades, #21	82029-844	100/ 82.13
Surgical Blades, #22	82029-846	100/ 85.50
Surgical Blades, #23	82029-848	100/ 82.13
SklarSafe Safety Scalpel, #10	89025-966	10/ 38.29
SklarSafe Safety Scalpel, #11	89025-968	10/ 38.29
SklarSafe Safety Scalpel, #15	89025-970	10/ 38.73





Bard-Parker® Blades and Scalpels

Help bring surgical precision to your laboratory with Bard-Parker blades and scalpels. For over 100 years, the Bard-Parker brand has remained a market leader in blades and scalpels by delivering constant sharpness and a high level of quality.

- Choose from a wide selection of blades, handles, disposable scalpels, and accessories including conventional and safety styles
- Safety styles are designed with a similar weight and feel as conventional products
- Blades and scalpels are manufactured with a proprietary steel composition and process to provide a high-performing instrument
- Utilize our new Bard-Parker Blade Remover to help safely remove contaminated blades from #3 and #4 scalpel handles into a secure channel!
- Proudly made in the USA
- Non-sterile options also available

Blade Size	Sterility	Cat. No.	Pack of	Case of
Carbon Steel Blades				
10	Yes	89176-344	50/ 56.57	150/ 151.25
11	Yes	89176-346	50/ 51.49	150/ 137.27
15	Yes	89176-350	50/ 51.49	150/ 137.27
22	No	25860-064	6/ 6.30	150/ 137.33
Stainless Steel Blades				
10	Yes	89176-362	50/ 48.83	150/ 130.22
11	Yes	89176-364	50/ 50.25	150/ 133.52
15	Yes	89176-368	50/ 48.07	150/ 130.22
Conventional Scalpels				
10	Yes	89176-380	10/ 20.82	100/ 162.10
11	Yes	89176-382	10/ 22.97	100/ 162.41
20	Yes	89007-096	10/ 17.18	100/ 157.79
21	Yes	25863-222	10/ 22.13	100/ 194.78
Safety Scalpels				
11	Yes	80094-086	10/ 37.08	100/ 320.07
15	Yes	89041-274	10/ 33.50	100/ 303.83



CryoClear™ Cryogenic Vials

Innovation for the Long-Term Protection of Your Precious Samples

You've spent days, months, even years getting your labor of love to this point . . . don't risk losing your precious samples to something as simple as a problematic o-ring!

Leak-resistant CryoClear Cryogenic Vials are the perfect choice for the long-term storage of samples at temperatures as low as -196°C .

- Innovative polyethylene (PE) screw cap co-molded with a layer of thermoplastic elastomer (TPE)
- Lot certified to be Human DNA free, RNase free, DNase free, Pyrogen free and ATP free
- Non-pyrogenic, non-cytotoxic, non-mutagenic, heavy metals free, BSE/TSE free
- Manufactured, assembled and packaged in an ISO 7 (Class 10,000) cleanroom
- Sterilized by beta radiation (SAL 10^{-6})

A full line of cryogenic storage boxes and other accessories also available; visit vwr.com.

Description	Volume, mL	Cat. No.	Case of 500
Internal Threads			
Conical, Self-Standing	1	10118-678	174.53
Round, Self-Standing	2	10118-680	174.53
Round	2	10118-682	174.53
Round	4	10118-684	201.01
Round, Self-Standing	4	10118-686	202.55
Round	5	10118-688	219.64
Round, Self-Standing	5	10118-690	219.64
External Threads			
Conical, Self-Standing	1	10118-708	174.53
Round	2	10118-710	174.53
Round, Self-Standing	2	10118-712	174.53
Round	3	10118-714	201.01
Round, Self-Standing	4	10118-716	202.55
Round, Self-Standing	5	10118-718	219.64

Packaging: Packaged in tamper-evident bags of 50.



VWR® CO₂ Resistant Tubes

Samples of proteins, other biological molecules, and cell cultures are commonly shipped and stored on dry ice, putting them at risk of acidification by up to 2.5 pH units. In standard centrifuge tubes, CO₂ vapor from dry ice enters the tube headspace and causes a significant drop in the pH of the sample.

Even in short term storage conditions, samples may become acidified. This acidification can affect the integrity and reproducibility of samples, and may result in a loss of protein activity.

VWR's CO₂ Resistant Tube is the only container closure system engineered to be CO₂ resistant and stop costly damage to molecular and cellular solutions when using dry ice.

Made of durable, high quality materials and fitted with an air-tight cap, CO₂ Resistant Tubes form a protective barrier impermeable to CO₂, keeping the sample pH stable when shipping or storing on dry ice.

Ideal cryo container for small and large sample volumes

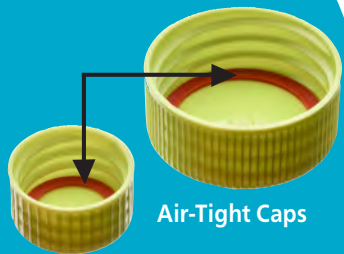
CO₂ Resistant Tubes make an ideal vessel for secondary containment of small volume tubes. Since CO₂ Resistant Tubes are IATA 95kPa certified for shipping they serve as a protective barrier against CO₂ exposure, safeguarding small samples from costly damage.

Most international and domestic carriers now require adherence to the IATA standards for all biological substance shipments.

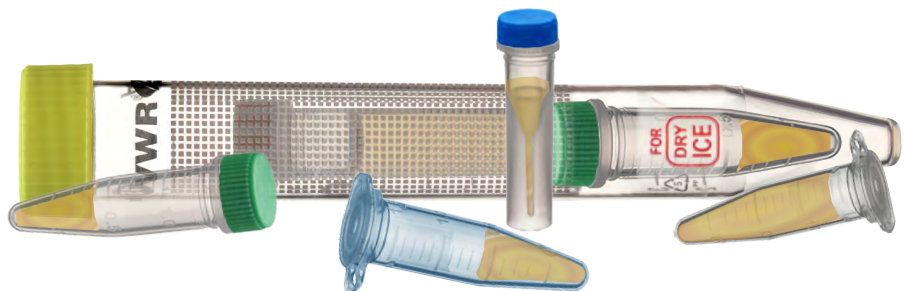
IATA 95kPa certification ensures the primary receptacle or secondary packaging is capable of withstanding, without leakage, an internal pressure producing a pressure differential of not less than 95kPa (0.95 bar, 13.8 psi). This standard ensures containers are resistant to leakage under differential pressure conditions such as those seen in air transport.

CO ₂ Resistant Shipping Tubes	Length, mm	Cat. No.	Case of 50
15 mL	118	10852-306	262.96
15 mL, Sterile	118	10852-302	285.00
50 mL	115	10852-308	298.02
50 mL, Sterile	115	10852-304	293.26

CO₂ Resistant Tube caps feature a molded-in sealing ring that creates an air-tight secure seal and protects the sample from acidification by carbon dioxide.



Only VWR's CO₂ Resistant Tubes are designed to protect samples that are shipped or stored on dry ice!



**Electron
Microscopy
Sciences**



LYNX II Automated Tissue Processors

The LYNX II Automated Tissue Processor is the most unique state-of-the-art tissue processor, compatible with all plastic resins and paraffin waxes. In addition to its EM processing capabilities, LYNX II can also process larger size samples for Histology. LYNX II is a batch mode tissue processing system. Samples are mounted on the sample arm and reagents are loaded on the reagent carousel. Based on the selected program by the user, the LYNX II rotates the reagent carousel until the selected reagent station is at the processing station. At the processing station the sample is lowered in the reagent. Based on the selection of agitation and vacuum, the LYNX II periodically moves the sample arm to provide agitation and applies vacuum when the agitation is not in progress. Once the programmed time in a given reagent is over, the sample is raised and the next reagent is rotated in the processing station.

- 12 reagent vials for HP processing, each 125 mL volume
- 24 reagent vials for EM processing, each 25 mL volume
- 10 Programs for EM and 10 programs for Histology
- Two independently controlled heating/cooling stations
- Easy replacement of reagent carousel
- Choice of plastic and metal containers for improved chemical compatibility and heat transfer
- Optional external media based interface to a PC for ease of programming
- Built-in fume extraction and ability to connect the discharge hose to lab exhaust system



Description	Cat. No.	Price
Lynx II for Microscopy	102101-370	Ea./ 15,760.36
Lynx II for Histology	102101-372	Ea./ 15,484.47
Lynx II for EM and HP Combined	102101-374	Ea./ 16,892.14
Histology Kit LYNX II Automated Tissue Processor	102101-376	Ea./ 1801.83
Electron Microscopy Kit LYNX II Automated Tissue Processor	102101-378	Ea./ 1914.45
Accessories		
EM Reagent Vials	102101-380	Bag 72/ 181.66
EM Regent Vial Cap	102101-382	Bag 72/ 186.72
HP Reagent Vials	102101-384	Bag 36/ 109.57
HP Reagent Vial Cap	102101-386	Bag 36/ 109.57
EM Aluminum Container	102101-388	Box 12/ 88.28
HP Aluminum Container	102101-390	Box 12/ 49.73
Vacuum Pump Tubing	102101-392	Ea./ 27.39
Vial Seal Assembly	102101-394	Ea./ 796.27
HP Cassette Holder Assembly	102101-396	Ea./ 384.42

Visit vwr.com for more accessories.

These products are not available in Canada. Please contact your VWR Sales Representative to learn about easy access to similar options available in your region.

VWR
COLLECTION

designed for
your applications



VWR® Histology Reagents

Our complete line of fixatives, dehydrants, and clearing agents make us the one source for all of your tissue processing needs.

- Manufactured from high quality raw materials in an ISO 13485 facility
- Strict quality control release testing
- Complete product line for tissue processing

Description	Size	Cat. No.	Each	Case of 4
Alcohol				
Reagent Grade, 70%	1 gal.	89370-078	83.82	277.80
Reagent Grade, 80%	1 gal.	89370-080	83.82	277.80
Reagent Grade, 95%	1 gal.	89370-082	83.82	277.80
Reagent Grade, 100%	1 gal.	89370-084	84.12	279.83
Isopropyl	1 gal.	89370-086	91.16	284.12
Formaldehyde				
37% Formaldehyde	1 gal.	10790-710	49.39	123.75
37% Formaldehyde, Cube	5 gal.	10790-712	174.62	-
Formalin				
10% Neutral Buffered	1 gal.	89370-094	45.82	152.48
10% Neutral Buffered, cube	5 gal.	16004-128	84.48	-
Xylene				
Xylene	1 gal.	89370-088	81.60	280.71
Xylene Substitute	1 gal.	89370-090	82.69	280.71
D-limonene	1 gal.	89370-092	110.15	373.92

Visit vwr.com for additional size options.

VWR® Formalin Neutralizing Powder

Safe, efficient powder is designed to help neutralize spent formalin. Treatment leaves a clear solution that is free from solids and aldehyde odor, and can be easily disposed of in a standard drain in accordance with local guidelines.



Description	Cat. No.	Case of 10
Formalin Neutralizing Powder	95057-830	150.43

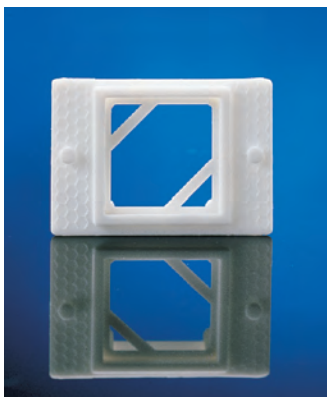


designed for
your applications



VWR® Embedding Ring

Constructed of precision-molded plastic to ensure uniform tissue blocks for sectioning. Easily oriented to microtome object clamp.



- Plastic construction
- Universal fit with popular base molds
- Fits all popular base molds including VWR® Disposable Base Molds.

Color	Cat. No.	Case of 1,000
White	15154-303	324.97

VWR® Base Molds

VWR Base Molds feature higher sides to allow optimum paraffin volume during embedding, and dramatically reduce excess paraffin on the sides of embedded cassette blocks.



Reusable stainless steel molds have wings to ensure level embedding. Polished surface allows easy block removal and cleaning.

Disposable base molds are constructed of rigid plastic and designed for zero flash. Molded for a tight fit around the cassette, they prevent excess paraffin from adhering to the sides of the cassette. Positive lock ensures consistent and level embedding. Breakaway latch allows for easy block removal. Crisp sides of the mold aid in sectioning and section ribboning.

- Available in rigid plastic or stainless steel formats
- Designed for easy removal of contents

Size, mm	Cat. No.	Pack of
Stainless Steel		
7 x 7	18000-116	12/ 104.33
15 x 15	18000-118	12/ 104.33
25 x 25	18000-120	12/ 104.33
30 x 25	18000-122	12/ 104.33
37 x 25	18000-124	12/ 104.33
Disposable Plastic		
10 x 10	18000-126	500/ 83.22
15 x 15	18000-128	500/ 97.25
24 x 24	95039-856	500/ 102.00



Paraffin Wax Dispenser

The Boekel Scientific Paraffin Wax Dispenser has a 5 liter (1.25 gallon) capacity and features a stainless steel outer casing for easy cleaning. The heated valve ensures a consistent flow of wax while the inner reservoir screen helps to prevent large particulate from clogging the dispenser valve. The dispenser valve can also be locked in the open position if desired.

The aluminum inner reservoir provides excellent thermal transfer and temperature control to maintain the temperature range of 40°C to 75°C. Melt your wax knowing this unit provides a rapid warm up and includes an advanced safety over-temperature cut-off.

UL/CSA and CE Certified

Description	Capacity	Cat. No.	Each
Paraffin Wax Dispenser	5 L (1.25 gal)	10210-954	1362.87

Certified histologists are ready to process, section, and stain specimens according to your needs. Our state-of-the-art lab in Rochester, NY manufactures over 40,000 slides per month with a 98% acceptance rate. To learn more, visit vwr.com/histology_service!



thermo scientific



HM 325 Rotary Microtome

Cut high-quality paraffin sections without a power supply with the robust Thermo Scientific™ HM 325 Rotary Microtome.

- One-handed zero orientation head
- Quick-trim button
- Section counter
- Guide-rail guidance for the knife holder
- Large, easy-to-clean waste tray extends below the blade holder

Description	Cat. No.	Price
HM 325 Rotary Microtome, E Blade Holder, Quick Release Cassette Clamp	89219-566*	13,119.94
HM 325 Rotary Microtome ER Package, ER Blade Holder, Quick Release Cassette Clamp	89399-950	13,326.41
HM 325 Manual Rotary Microtome Only	89399-944*	10,300.00

*These specific products are not available in Canada. Contact your VWR Sales Representative to learn about access to similar options available in your region.



VWR® Premium Disposable Microtome Blades

Designed to fit standard blade holders, premium disposable blades are ideal for all routine and specialty histology applications. Low-profile triple-facet blades feature an extra-sharp cutting edge for thinner sections that will cut down to 2µm. Thick high-profile blades eliminate chattering when sectioning hard specimens.

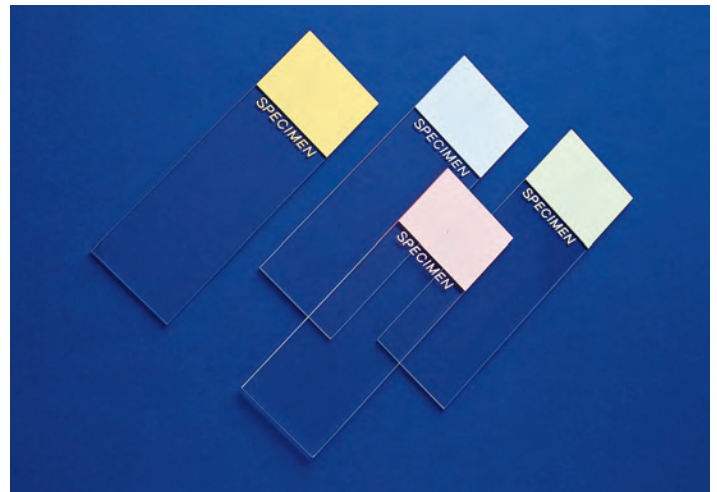
- Fluoropolymer resin coating to ensure a consistent cutting edge and increases blade life
- Heavy gauge, high-quality carbon steel construction
- Sections jump off edge forming beautiful ribbons



Description	Cat. No.	Pack of 50	Case of 500
Low-Profile, Triple-Facet	95057-832	155.93	1366.93
High-Profile	95057-834	155.93	1366.93

VWR COLLECTION

designed for your applications



VWR® Superfrost® and Colorfrost® Micro Slides

Slides are frosted and have a brilliant colored, opaque coating. Coating takes and retains most laboratory marking methods better than plain or conventional frosted slides. The coating is impervious to most common laboratory chemicals and reagents. Slides feature a raised printed writing surface that eliminates the need for paper labels and re-labeling of slides.

All slides have the word "SPECIMEN" printed on them, except for the white Premium Superfrost slide, which is unprinted. Premium slides 48311-950 and 48311-702 are made of premium quality sheet glass.

- Easy to write on, easy to read
- Key shows which side is up
- Eliminate sticking and scratching
- Autoclavable

Specifications:

Size	75x25mm, except for 48311-655 which is 3x1"
Thickness	Thickness 1 mm

Description	Cat. No.	Pack of 72	Case of 1440
Colorfrost Slides			
Aqua	48382-101	32.31	501.82
Blue	48312-401	31.87	499.05
Burnt Orange	48382-103	32.31	501.82
Gold	48311-611	32.31	501.82
Green	48312-502	31.90	499.62
Lilac	18382-111	32.31	501.82
Pink	48312-604	31.90	499.62
Tan	48382-119	32.31	501.82
Yellow	48312-706	31.90	499.62
Bright White, Premium	75799-266	40.69	716.91
Superfrost Slides			
White	48311-601	35.95	633.18
White, Premium, Unprinted	48311-951	35.84	671.60

Made for each other

**MILLIPORE
SIGMA**

Harleco® Hematology Stains and
Midas® III-Plus Automated Stainer

Harleco® brand dyes and stains

Highest Quality Stain Solutions - IVD certified, also certified by the Biological Stain Commission

Ready to use staining solutions for blood and bone marrow samples with intense and reproducible results

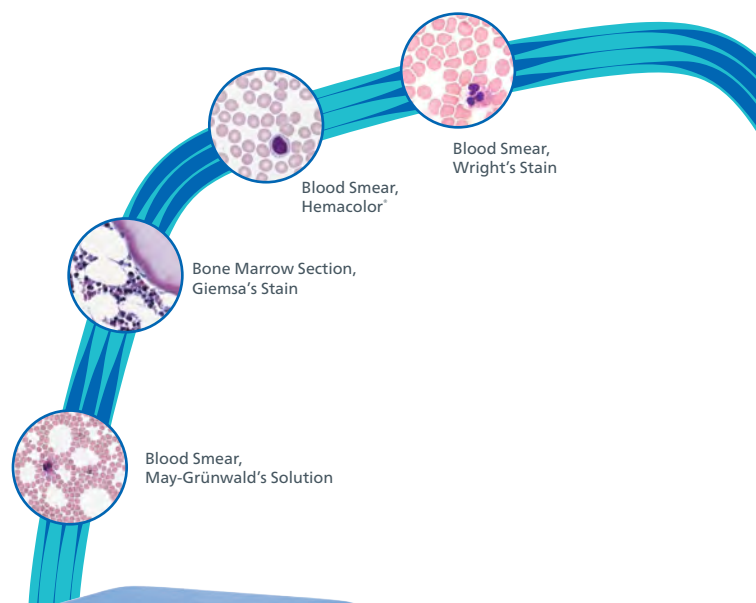
Very clean results in less than 1 minute with Hemacolor®

The Midas® III-Plus Automated Stainer

The six station unit holds 20 or 30 slides

Up to 10 programs - each program can have up to 29 steps

Save up to 50% on stain consumption vs. flood or spray techniques



Two Special Offers

Offer 1

Buy 2 Get 1 FREE on Harleco Stains

Offer 2

Buy a Midas Stainer and get a FREE accessory

Visit vwr.com/milliporesigma
for more information



The life science business of Merck KGaA,
Darmstadt, Germany operates as
MilliporeSigma in the U.S. and Canada.

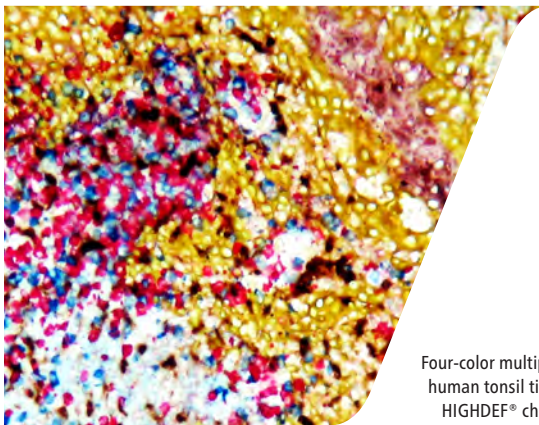
Brilliant Colors.
Powerful Results.



IHC Detection Kits & Chromogens

Enzo offers a complete range of products to help improve the quality and efficiency of your IHC process from start to finish. Our high-sensitivity and low background reagents, combined with the market's most extensive palette of unique chromogens, provide the flexibility needed for simple or complex protocols.

- POLYVIEW® PLUS non-biotinylated nanopolymer detection reagents for minimal background without sacrificing signal
- MULTIVIEW® PLUS for multiple detection of antigens in a single tissue sample
- HIGHDEF® chromogens for high-quality staining and high intensity
- Detection reagents and chromogens validated to produce impeccable results both manually and on automated strainers
- Over 1,000 IHC validated antibodies!



Four-color multiplex IHC of human tonsil tissue using HIGHDEF® chromogens.

Description	Size	Cat. No	Each
POLYVIEW PLUS			
HRP (Anti-Rabbit) Reagent	150 tests	75841-134	780.00
HRP (Anti-Mouse) Reagent	150 tests	75841-136	780.00
AP (Anti-Rabbit) Reagent	6 mL	75841-148	780.00
HRP-DAB (Anti-Rabbit) Kit	150 tests	75841-152	675.00
HRP-DAB (Anti-Mouse) Kit	150 tests	75841-154	675.00
MULTIVIEW PLUS			
mouse-HRP/rabbit-AP IHC Kit	150 tests	75993-474	595.00
mouse-HRP/mouse-AP IHC Kit	100 tests	10051-946	304.00
HIGHDEF Chromogens			
DAB Chromogen/Substrate Set	200 mL	75841-138	200.00
Yellow IHC Chromogen (HRP)	30 mL	10049-340	167.00
AEC (Red) IHC Chromogen (HRP)	30 mL	10049-360	112.00
Blue IHC Chromogen (HRP)	6 mL	10014-554	63.00
Black IHC Chromogen (HRP)	6 mL	10014-558	63.00
Enhancer (DAB)	10 mL	10049-344	138.00
Enhancer (DAB, plus)	15 mL	10049-346	138.00
Red IHC Chromogen (AP)	30 mL	10049-756	87.00
Blue IHC Chromogen (AP)	30 mL	10049-336	101.00
Green IHC Chromogen (AP)	30 mL	10049-338	147.00
Enhancer (AP)	250 mL	10049-342	128.00
Hematoxylin	100 mL	75841-140	50.00
Fluoromount	25 mL	10051-960	120.00
Mount	30 mL	10049-770	63.00

These products are not available in Canada. Please contact your VWR Sales Representative to learn about easy access to similar options available in your region.



VWR® Premium Histology Stains and Reagents

Each VWR Premium Histology Stain and Reagent is chemically engineered to support the others, resulting in reliably consistent results from the first slide to the last. All stains and reagents undergo performance tests and pass analytical chemistry standards.

- Enables greater control of slide presentation when used together
- Complementary use provides an excellent value for the cost
- Analytical chemistry standards and performance tests are applied to ensure consistency

Hematoxylin provides extra sharp nuclear detail with notably fast staining times for increased productivity in the lab. This remarkably consistent stain offers a wide range of darkness, allowing pathologists the ability to obtain the desired personal shade, color, and intensity.

Harris Hematoxylin produces a deep purple stain and is generally used in regressive methods, although it may also be used for progressive methods in cytology and histology procedures. It is mercury free.

Eosin Stains allow users to alter the intensity of the stain through varied staining times. The standard Eosin solution will result in a more lightly stained cytoplasm, and present with a more pastel appearance. The solution with phloxine will produce a redder color in the cytoplasm, particularly in connective tissue components.

Bling Reagent is buffered to ensure a constant pH during staining. The stable pH results in consistent staining, with accurate bluing of nuclei. Bluing Reagent lasts twice as long as comparable solutions, ensuring an economic saving for the user.

Description	Size	Cat. No.	Each	Case of 4
Hematoxylin Stain	500 mL (16.9 oz.)	95057-844	68.26	197.34
Harris Hematoxylin Stain	3.8 L (1 gal.)	95057-858	89.82	283.58
Eosin Stain	500 mL (16.9 oz.)	95057-848	61.60	164.06
Bling Reagent Solution	3.8 L (1 gal.)	95057-852	83.03	261.60

VWR® Slide Storage Cabinet

This rugged Slide Storage Cabinet is manufactured from 24 gauge steel with a baked epoxy finish to ensure that slides can be stored with confidence. It holds up to 5000 standard 1x3" slides, and the plastic drawer divider can be removed to store slides up to 2" in width.



The cabinets are stacked by utilizing built-in tabs in the bottom of each unit (up to ten feet high). Due to this design, the Cabinet Base is required under the first cabinet to prevent an unstable condition.

- Accommodates up to 5,000 slides
- Each cabinet includes six drawers, each drawer holding 830 slides
- Drawers slide easily and can be removed for easy transport

Description	Dimensions, W x L x H, cm (in.)	Cat. No.	Each
Slide Storage Cabinet	40 x 48.3 x 12.7 (15¾ x 19 x 5)	80086-976	316.95
Slide Storage Base	40 x 47.6 x 6.9 (15¾ x 18¾ x 2¾)	80086-978	137.99
Slide Storage Drawer	10.2 x 49.5 x 7.6 (4 x 19½ x 3)	80086-980	33.48

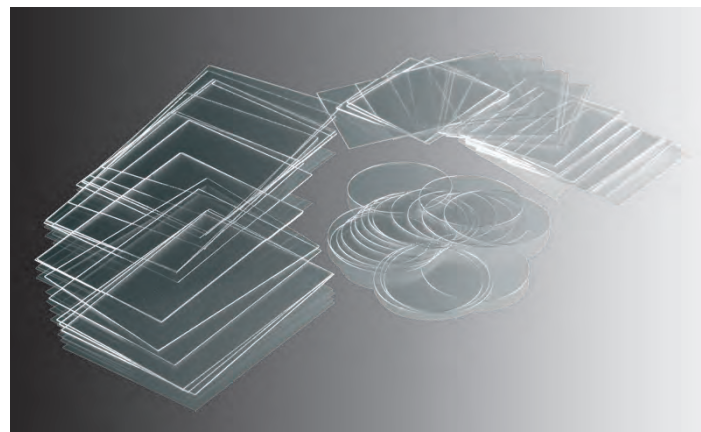
VWR® Compound Laboratory Microscopes

VWR Compound Laboratory Microscopes, equipped with Planachromatic Objectives, are ideal for laboratory, routine, and research work. The series offers an ergonomic, anti-fatigue design to enable long hours of comfortable observation.



- Siedentopf-type head with a 30° inclination and 360° rotating capabilities
- One-year warranty on electrical parts
- Five-year warranty on mechanical parts and optics

Description	Cat. No.	Each
Binocular	89404-470	1569.34
Trinocular	89404-468	3086.17



VWR® VistaVision™ Cover Glasses, No. 1

Microscope cover glasses are made of pure white borosilicate glass with excellent chemical resistance and flatness, and are free of bubbles and scratches. Under ultraviolet light, they emit no disturbing self-fluorescence. Manufactured in accordance with DIN ISO 8255-1.

- Pure white borosilicate glass fabrication
- Excellent chemical resistance and flatness
- Suitable for use in coverslippers

Ordering Information: Circular and square cover glasses are supplied 100 per two-part box; rectangular cover glasses are supplied 100 per hinged boxes.

Specifications:

Thickness	0.13–0.16 mm
Refractive Index	1.525±0.0015 ne

Size, mm	Cat. No.	Pack of	Case of
Circular			
18	16004-300	100/ 51.07	1,000/ 384.62
22	16004-338	100/ 66.22	1,000/ 501.88
25	16004-310	100/ 69.74	1,000/ 524.19
Square			
18 x 18	16004-308	100/ 33.87	1,000/ 202.77
22 x 22	16004-094	100/ 29.50	1,000/ 213.69
25 x 25	16004-328	100/ 30.55	1,000/ 223.06
Rectangular			
22 x 30	16004-332	100/ 31.25	1,000/ 228.75
22 x 40	16004-318	100/ 30.37	1,000/ 218.96
24 x 60	89218-832	–	10/ 190.46
22 x 50	16004-314	100/ 28.74	1,000/ 207.73
22 x 60	16004-330	100/ 31.25	1,000/ 230.21
24 x 30	16004-346	100/ 31.16	1,000/ 229.42
24 x 40	16004-306	1/ 28.48	10/ 207.96
24 x 50	16004-098	100/ 29.79	1,000/ 205.34
24 x 60	16004-096	100/ 29.79	1,000/ 205.34



designed for every day use

VWR® All-Purpose Disposable Cloth-Like Wipes

All-purpose cloth-like wipes are safe for skin contact, with no rinse required. Wipes are sensitive and soft enough for use on skin, and they are also versatile enough for use on surfaces. A super absorbent layer of air-lay cellulose provides both softness and strength.

- Soft cloth-like material
- No rinse, skin formula
- Alcohol-free

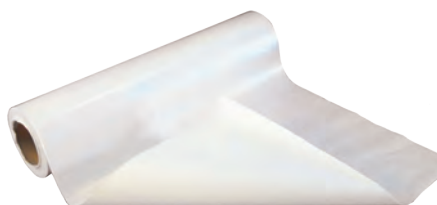


W x L, cm (in.)	Cat. No.	Pack of 50	Case of
Disposable Wipes			
25.4 x 33 (10 x 13)	82020-458	12.73	1,000/ 133.98
33 x 33 (13 x 13)	82020-456	12.78	800/ 136.38

VWR® Laboratory Bench and Table Protectors with Leakproof Moisture Barrier

Super absorbent bench protectors feature a two-layer, cushioned construction that is ideal for use in a laboratory or veterinary setting. The air-lay cellulose layer provides cushion for laboratory equipment and glassware to prevent breakage, while the leakproof plastic backsheet protects tables and benches from spills and moisture. Material can be cut to the desired size.

- Two layers of protection
- Can be cut to desired size
- Sold in rolls or as mats



W x L, cm (in.)	Cat. No.	Case of
Bench/Table Protectors		
50.8 x 4580 (20 x 1800) Roll	89126-790	2/ 106.94
50.8 x 9150 (20 x 3600) Roll	89126-792	2/ 209.35
45.7 x 50.8 (18 x 20) Mat	89126-794	350/ 127.23



VWR® Absorbent Bench Underpads

Super absorbent underpads have a three-layer construction. Each underpad contains a top sheet that is made of a soft white spunbound polypropylene. The absorbent cellulose fluff filler, sandwiched between two layers of tissue, is embossed overall for superior wicking of fluid. It acts as a cushion to protect labware from breakage. The backing sheet comes in different colors and is made of embossed polypropylene.

- Three-layer construction
- Sealed on two sides to prevent liquid seepage

Deluxe pads are more absorbent and thicker with more absorbent cellulose fluff than standard pads. Super deluxe pads have an added polymer that absorbs more moisture.



W x L, cm (in.)	Absorbency, mL	Color	Cat. No.	Pack of	Case of
Absorbent Bench Underpads, Standard					
43.2 x 61 (17 x 24)	200	Blue	82020-845	50/24.87	300/ 106.47
43.2 x 61 (17 x 24)	260	Blue	56617-006	–	300/ 130.20
43.2 x 61 (17 x 24)	200	Blue	56617-014	–	300/ 97.54
58.4 x 61 (23 x 24)	280	Blue	56616-031	–	200/ 91.08
58.4 x 61 (23 x 24)	320	Blue	56617-008	–	200/ 87.46
58.4 x 91.4 (23 x 36)	420	Blue	56617-016	–	150/ 97.81
71.1 x 76.2 (28 x 30)	550	Blue	56616-020	–	150/ 144.86
71.1 x 91.4 (28 x 36)	770	Blue	56616-022	–	100/ 155.09
Absorbent Bench Underpads, Deluxe					
43.2 x 61 (17 x 24)	340	Blue	56617-018	10/7.18	300/ 142.35
43.2 x 61 (17 x 24)	340	Blue	56616-018	–	300/ 154.72
58.4 x 61 (23 x 24)	410	Blue	56616-032	–	200/ 136.60
58.4 x 91.4 (23 x 36)	600	Blue	56617-000	–	150/ 151.99
58.4 x 91.4 (23 x 36)	680	Blue	56616-030	–	150/ 115.92
Absorbent Bench Underpads, Super Deluxe					
76.2 x 76.2 (30 x 30)	1200	Green	56617-034	–	100/ 128.00



VWR® Sharps Container Systems

Safe and effective containment and disposal of contaminated needles, syringes, and other sharps.

- Conveniently stackable 5.1L (5.4 quart) containers
- Biohazard labeling and symbol
- Locking lid and counterbalanced door
- Autoclavable
- Bracket compatible
- Dimensions: 26.7 x 8.9 x 26.7 cm



Color	Cat. No.	Case of 12
Clear	75800-276	126.91
Opaque Red	75800-274	126.91
Translucent Red	75800-272	126.91
Translucent Yellow	75800-278	126.91



VWR® Autoclavable Biohazard Bags

Temperature Indicator bags have the words "Contents Have Been Autoclaved" printed in a chemically active ink. Before autoclaving, the ink is white. After autoclaving is complete, it darkens, providing instant proof that biohazardous waste has been autoclaved.



- Resists punctures, tears, and leaks
- High-integrity polypropylene bags withstand 135°C (275°F) maximum autoclave temperature.
- Twist-tie closure allows bag to expand and vent steam during cooling.

Description	W x H, cm (in.)	Cat. No.	Price
Clear	61 x 91.4 (24 x 36)	11215-904	Cs. 200/ 442.26
Bags with Indicator			
Clear	30.5 x 61 (12 x 24)	14220-066	Cs. 200/ 340.53
Orange	48.3 x 61 (19 x 24)	14220-050	Cs. 200/ 446.39
Red	20.3 x 30.5 (8 x 12)	14220-026	Cs. 400/ 275.65
Red, Double-Thick	78.7 x 101.6 (31 x 40)	14221-996	Cs. 100/ 834.42
Yellow	35.6 x 48.3 (14 x 19)	89129-468	Cs. 200/ 199.57
Container/Bag Starter Kits			
2 gal. (8¾ x 10")	35.6 x 48.3 (14 x 19)	14221-160	Cs. 100/ 126.07
3 gal. (10 x 12")	48.3 x 58.4 (19 x 23)	14221-162	Cs. 100/ 169.90
12 gal. (15½ x 19½")	63.5 x 89 (25 x 35)	14221-164	Cs. 100/ 313.04
Containers Only			
2 gal. (8¾ x 10")	–	14221-154	Ea./ 57.95
3 gal. (10 x 12")	–	14221-156	Ea./ 86.67
12 gal. (15½ x 19½")	–	14221-158	Ea./ 129.76

Visit vwr.com for additional options.



VWR® Broken Glass Disposal Cartons

Disposable cardboard receptacles with 2mil thick polypropylene liner safely contain broken glass and residual liquids. Entire unit may be disposed of as a whole once safety cap is pulled into place. Optional, reusable carton cover (for floor model only) provides a wider opening 20.3 x 24.1cm (8 x 9.5") permitting safer and more sanitary deposit of wastes into the container.

- Safe, convenient disposal
- Packed flat to save space

Description	Dimensions, L x W x H, cm (in.)	Cat. No.	Pack of 6
Benttop Disposal Carton	20.3 x 20.3 x 25.4 (8 x 8 x 10)	56617-804	48.56
Floor Disposal Carton	30.5 x 30.5 x 68.5 (12 x 12 x 27)	56617-801	72.10

VWR® Certiclean Gloves

Film thickness designed for comfort and tactile sensitivity. Gloves are 6.3 mil thick at fingers and 5.1 mil thick at palms.

- Ambidextrous
- Long, tapered beaded cuff
- Puncture resistant
- Textured fingertips for a reliable grip



Size	Cat. No.	Pack of 100	Case of 1,000
X-Small	40101-220	59.57	544.69
Small	40101-222	59.57	544.69
Medium	40101-224	59.57	544.69
Large	40101-226	59.57	544.69
Large+	40101-227	59.57	544.69
X-Large	40101-228	59.57	544.69

VWR® Alcohol Prep Pads

Sterile, two-ply, folded, spun lace, alcohol prep pads are saturated with 70% Isopropyl Alcohol (Antiseptic).

- Soft and absorbent, non-woven pads
- Gamma sterilized
- Latex-free
- Manufactured according to FDA, GMP, and USP standards
- Fabric weight: 40 grams per square meter (GSM)



Description	L x W, cm	Cat. No.	Box of 100	Case of 2,000
VWR Alcohol Prep Pads	5.99 x 2.79	75856-902	3.15	48.50

This product is not available in Canada. Please contact your VWR Sales Representative to learn about easy access to similar options available in your region.



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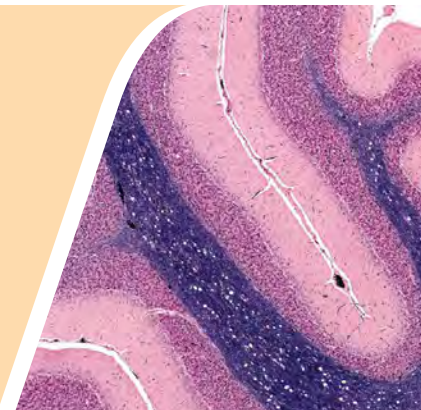
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