

Histology

The study of the microscopic anatomy of cells and tissues. It is performed by examining thin slices of tissue under a microscope. Histology is an essential tool of biology and medicine.

Fisher Chemical™ Histology Grade solvents are formulated specifically for histology applications. Technical procedures involve Fixation, Processing, and Staining.



Fixation

- Key Products:
 - 10% neutral buffered formalin
 - Formaldehyde, 37%
 - Formaldehyde, 10%
 - Formalde-fresh solution (low-odor 10% formalin)
- Differentiators:
 - Extensive line of common fixatives
 - "Use Tested" by an independent histology lab
 - Manufactured in an ISO 9001:2015 facility

Processing

- Key Products:
 - Solvents (xylene, acetone, methanol, 2-propanol, isopropanol, toluene, tetrahydrofuran)
 - Reagent alcohol (ethanol)
- Differentiators:
 - Manufactured in an ISO 9001:2015 facility
 - Various ease of use packaging configurations which include Fisher Chemical™ FisherLOCK™ tamper evident caps, EcoSafPak™ shipper, F-Style bottle
 - Specially filtered for use in histology applications

Staining

- Key Products:
 - Gill's hematoxylin stain & Harris hematoxylin stain
 - Eosin Y
 - Crystal violet
 - Safranin O and Wright's stain
- Differentiators:
 - Certification on each label
 - Manufactured in an ISO 9001:2015 facility
 - Lot to lot consistency
- "Use Tested" by an independent lab to ensure superior staining in histological applications

Special Packaging Solutions

What are the benefits?

- Rectangular-shaped bottles to maximize shelf and bench space
- Environmentally friendly EcoSafPak is certified by the Sustainable Forestry Initiative (SFI).
- Can be shipped without cushioning material to minimize waste
- Strong enough to withstand UN performance tests
- Includes a tamper evident FisherLOCK cap
- Preferred by histology customers
- QR Codes on labels grant access to lot specific CofA and SDS.



Find it at fisherhealthcare.com



In addition to the comprehensive portfolio of Histology Grade products, the following Fisher Chemical™ ACS grade products are also suitable for histological work.

Product Description (Grade)	Base Cat. No.	Available Sizes
Acetone (Certified ACS)	A18	500mL, 1L, 4L, 20L, 200L
Methanol (Certified ACS)	A434	20L
1-Propanol (Certified ACS Plus)	A16	500mL, 1L, 4L, 20L, 200L
Toluene (Certified ACS)	T324	500mL, 4L
1,4 Dioxane (Certified ACS)	D111	500mL, 4L
Hydrogen Peroxide, 30% (Certified ACS)	D111	100mL, 500mL, 4L, 30 gal.



The following Fisher Bioreagents™ products are excellent alternatives for customers who require high-purity solvents for staining and de-staining tissue samples.

Product Description (Grade)	Base Cat. No.	Available Sizes
Ethanol, 70% (Molecular Biology Grade)	BP8201	500mL, 1L, 4L
Ethanol, 96% (Molecular Biology Grade)	BP8202	500mL, 1L, 4L
Ethanol, 70% Denaturated (Molecular Biology Grade)	BP8203	1 gal.
Ethanol (Molecular Biology Grade)	BP2818	100mL, 500mL 4L
2-Propanol (Molecular Biology Grade)	BP2618	500mL, 1L, 2.5L, 4L
Water (Molecular Biology Grade)	BP2619	100mL, 1L, 4L, 10L, 20L



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