

We're innovating pathology essentials. Together.



HISTOLOGY

Reagent & Chemicals Guidebook

Your resource to understand the application and intended use for a variety of histology reagents.

H&E

SPECIAL STAINS

MOLECULAR

IHC

FISH

ISH

LM

10% Neutral Buffered Formalin

LAB USE

Fixative for most standard and routine specimens, preserving tissue during transport between the time they are taken at the provider and the time they are processed in the laboratory.

WHY CHOOSE?

Neutral Buffered Formalin (NBF) is the most validated fixative, compatible with most downstream processes.

KEY INFORMATION

Considered the gold standard fixative for IHC. Most common fixative used, penetrates tissue at ~1mm/hour, available in prefilled specimen containers or bulk chemicals.

HistoPaks

20 mL container, 96/case	NB0507
40 mL container, 96/case	NB0115
60 mL container, 96/case	NB0230
90 mL container, 96/case	NB0345
120 mL container, 96/case	NB0460
240 mL container, 96/case	NB08120

Case

500 mL container, 6/case	NB16240
1,000 mL container, 4/case	NB32480
3,800 mL container, 4/case	NB3800

Bulk

Gallon	28600-1
2.5 Gallon Cube	28600-2.5
5 Gallon Cube	28600-5
55 Gallon Drum	28600-55

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10% Neutral Buffered Formalin with 5% or 10% Alcohol

LAB USE

Fixative for most standard and routine specimens, preserving tissue during transport particularly in colder climates between the time they are taken at the provider and the time they are processed in the laboratory.

WHY CHOOSE?

Neutral Buffered Formalin (NBF) with alcohol is ideal for labs in colder temperatures.

KEY INFORMATION

This is a routine tissue fixative designed for specimen collection and transport. The added alcohol improves resistance to freezing during transport, making it particularly useful in colder climates while maintaining the performance of standard NBF.

Case, 10% Alcohol NBF

7 mL container, 100/case	ANB0735/100
20 mL container, 64/case	10ANB0507P

Case, 5% Alcohol NBF

20 mL container, 96/case	ANB0507
40 mL container, 96/case	ANB0115
60 mL container, 96/case	ANB0230

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20% Neutral Buffered Formalin

LAB USE

Fixative for surgical and necropsy specimens, brain tissue.

WHY CHOOSE?

This is a stronger formulation of standard buffered formalin, used to shorten fixation time or for large specimens needing stronger penetration.

KEY INFORMATION

20% NBF Formalin is a non-buffered, water-based, high strength formalin fixative designed for routine histology, providing broad compatibility across H&E, IHC, special stains, and molecular workflows, especially in surgical and necropsy specimens.

Bulk

5 Gallon Cube

28620-5

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20% Aqueous Formalin

LAB USE

Fixative for large, dense tissue specimens and necropsy or autopsy cases requiring stronger fixation than routine formalin.

WHY CHOOSE?

Provides aggressive tissue fixation and improved penetration for large or dense specimens where standard formalin may be insufficient.

KEY INFORMATION

Formalin 20% Aqueous is a high-strength formaldehyde fixative designed for dense or large tissue specimens that require more aggressive fixation for reliable FFPE processing. Because of its increased strength, it is not recommended for routine specimens due to the risk of tissue over-hardening.

Bulk

8 oz

S1807-80Z

Formaldehyde Concentrate

LAB USE

Concentrated formaldehyde stock solution used by laboratories to prepare tissue fixatives. Not intended for direct tissue fixation.

WHY CHOOSE?

Ideal for laboratories that prepare their own fixatives in-house. The concentrated formulation saves storage space while providing flexibility to create custom fixation solutions as needed.

KEY INFORMATION

Formalin Concentrate is a bulk chemical formulation designed for dilution into a variety of laboratory fixatives. Its concentrated format reduces storage requirements and shipping volume while allowing laboratories to prepare custom formalin solutions according to their established protocols.

Bulk

Gallon

BF128

Formaldehyde

37%

LAB USE

Formaldehyde stock solution used by laboratories to prepare tissue fixatives. Not intended for direct tissue fixation.

WHY CHOOSE?

Provides laboratories with a high-quality formaldehyde concentrate for preparing custom fixation solutions to meet specific laboratory protocols and formulation requirements.

KEY INFORMATION

Formaldehyde 37% is a concentrated formalin stock solution used to formulate a variety of laboratory fixatives, including 10% Neutral Buffered Formalin (NBF). Because of its high concentration, it is generally not used directly on tissue specimens and must be diluted and prepared according to established laboratory procedures.

Bulk

Gallon	28530-1
5 Gallon Cube	28530-5

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Blue Formalin

LAB USE

Blue colored fixative for most standard and routine specimens, preserving tissue during transport between the time they are taken at the provider and the time they are processed in the laboratory.

WHY CHOOSE?

Blue Formalin is a standard Neutral Buffered Formalin with a blue dye added purely for visual identification and safety tracking in pathology workflows.

KEY INFORMATION

Blue Formalin is a 10% Neutral Buffered Formalin (NBF) tissue fixative with a light blue dye added for visual identification. The dye helps users quickly distinguish formalin containers from other specimen containers and reagents, but does not affect tissue color, processing, or staining results.

Case

60 mL container, 48/case	FXBFOB60CS
3800 mL container, 4/case	FXBFOB3800CS

H&E

SPECIAL STAINS

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PureFix™

LAB USE

Fixative for routine or standard samples for labs concerned with tissue processing maintenance.

WHY CHOOSE?

PureFix eliminates salt precipitates to help reduce instrument cleaning and maintenance while delivering reliable tissue fixation.

KEY INFORMATION

PureFix is a non-buffered formalin fixative for routine histology that offers a processor-friendly alternative to standard Neutral Buffered Formalin while maintaining compatibility with H&E, IHC, and FFPE workflows.

Bulk

5 Gallon Cube

3180-5

H&E

SPECIAL STAINS

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NBF Clear™

LAB USE

Fixative for most standard and routine specimens, preserving tissue during transport between the time they are taken at the provider and the time they are processed in the laboratory.

WHY CHOOSE?

Reduces precipitate formation that can clog tissue processors and laboratory equipment.

KEY INFORMATION

NBF Clear is a 10% neutral buffered formalin designed to deliver standard FFPE fixation performance while reducing precipitate formation that can clog tissue processors and laboratory equipment.

Bulk

Gallon

0169

H&E**SPECIAL STAINS****IHC****FISH****ISH****LM**

10% Zinc Formalin

LAB USE

Fixative for routine tissue specimens when improved immunohistochemistry (IHC) performance is desired.

WHY CHOOSE?

Provides excellent tissue morphology while enhancing preservation of proteins and antigens for improved IHC performance compared to standard Neutral Buffered Formalin.

KEY INFORMATION

10% Zinc Formalin is a zinc-enhanced formalin fixative that provides excellent tissue morphology with improved preservation of proteins, antigens, and nucleic acids for routine histology, IHC, ISH, FISH, and molecular testing. Zinc may precipitate, requiring proper filtration. IHC protocols should be optimized and validated, as less aggressive antigen retrieval is often required.

Case

20 mL container, 48/case	FXZFO20CS
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Bulk

100 mL	FXZFO100
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Gallon	FXZFOGAL
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H&E

SPECIAL STAINS

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Buffered Zinc Formalin

LAB USE

Fixative for immunohistochemistry (IHC)-focused workflows where optimal preservation of proteins and antigens is critical.

WHY CHOOSE?

Combines the excellent tissue morphology of traditional formalin with enhanced preservation of proteins and antigens, making it an excellent choice for laboratories performing multiple IHC antibody panels and advanced molecular testing.

KEY INFORMATION

Buffered Zinc Formalin (BZF) is a formalin-based fixative containing zinc salts that provides excellent tissue morphology with enhanced protein and antigen preservation compared to standard 10% Neutral Buffered Formalin (NBF). It is commonly used for IHC and molecular pathology applications. IHC protocols should be optimized and validated, as less aggressive antigen retrieval is often required.

Case

20 mL container, 96/case	BFZ0507
40 mL container, 96/case	BFZ0115
60 mL container, 96/case	BFZ0230
120 mL container, 96/case	BFZ0460

Bulk

Gallon	BFZ-1
5 Gallon Cube	BFZ-5

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SPECIAL STAINS

IHC

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FROZEN

StatFix™

LAB USE

Fixative for fatty tissues, including breast, adipose tissue, and lipomas, as well as rapid diagnostics and frozen sections.

WHY CHOOSE?

The alcohol component penetrates tissue more rapidly than formalin alone, helping accelerate fixation, particularly in fatty specimens.

KEY INFORMATION

StatFix is a buffered alcoholic formalin fixative optimized for fatty tissues, rapid diagnostic pathology, frozen sections, routine histology, special stains, and IHC. Its alcohol-based formulation promotes faster tissue penetration than traditional 10% Neutral Buffered Formalin, helping improve fixation of lipid-rich specimens while maintaining compatibility with routine histology workflows.

Case

60 mL containers, 96/case	SF0230
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Bulk

Gallon	SF-1
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H&E

SPECIAL STAINS

IHC

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RapidFix™

LAB USE

Fixative for routine tissue specimens and grossing applications when faster fixation is needed without changing existing workflows.

WHY CHOOSE?

A rapid-fixation alternative to 10% Neutral Buffered Formalin that helps reduce fixation time.

KEY INFORMATION

Buffered formalin fixative that fixes approximately 50% faster than 10% NBF, yet safe enough for use on most tissue specimens. Compatible with other primary fixatives with no interference with any special stain or IHC procedures.

Bulk

Gallon	0172
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H&E

SPECIAL STAINS

IHC

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LM

Rapid Fixative

LAB USE

Fixative for routine tissue specimens and STAT biopsies.

WHY CHOOSE?

A front-line rapid fixative that delivers fast, reliable fixation for difficult tissues.

KEY INFORMATION

Rapid Fixative is a fast-acting formalin-based fixative designed to accelerate routine tissue processing while maintaining full compatibility with standard histology, IHC, and special stains.

Bulk

Gallon

S2240-1GL

H&E

SPECIAL STAINS

IHC

FISH

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LM

FixQuick™

LAB USE

Fixative for lymph nodes, kidney, liver, heart, uterus, and placenta tissues.

WHY CHOOSE?

FixQuick shortens fixation time while enhancing penetration into dense tissues, improving both grossing and sectioning quality.

KEY INFORMATION

FixQuick is a mercury free, rapid-penetrating tissue fixative designed to improve fixation speed and uniformity in dense or difficult specimens, such as lymph nodes and solid organs, while maintaining compatibility with routine FFPE histology workflows.

Bulk

Liter

FXFQULT

H&E

SPECIAL STAINS

MOLECULAR

IHC

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LM

TriFix®

LAB USE

Fixative for routine tissue specimens, especially when optimized preservation for immunohistochemistry (IHC).

WHY CHOOSE?

Designed to preserve tissue morphology while minimizing antigen masking, helping improve performance for IHC and other downstream analyses.

KEY INFORMATION

TriFix is a proprietary tissue fixative that combines the actions of formaldehyde, ethanol, and trichloroacetic acid to provide rapid tissue penetration, excellent preservation of morphology, and strong antigen preservation for routine histology and immunohistochemistry.

Bulk

Gallon

FXTFIGAL

H&E

SPECIAL STAINS

IHC

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LM

Prostate Biopsy Fixative

LAB USE

Fixative for prostate tissue specimens.

WHY CHOOSE?

A slight tint due to Eosin in the formula makes it easier to identify small prostate biopsy cores since they are small, pale, and fragile.

KEY INFORMATION

Prostate Biopsy Fixative is a formalin-alcohol biopsy fixative system with eosin added as a visual aid, designed specifically for prostate core biopsy workflows to improve specimen identification.

Case

20 mL container, 500/case

PF0507B500

LM

EM

Carson Millonig

LAB USE

Fixative for light microscopy (LM) and electron microscopy (EM) applications requiring a phosphate-buffered formalin fixative.

WHY CHOOSE?

A proven phosphate-buffered formalin formulation that provides reliable tissue preservation for both light and electron microscopy.

KEY INFORMATION

Carson Millonig is the original phosphate-buffered formalin tissue fixative, developed to provide consistent fixation and preservation of tissue morphology for light and electron microscopy applications.

Not available from StatLab. Included as a reference for laboratories evaluating tissue fixation options.

While StatLab does not offer Carson Millonig Formalin, we do offer 10% Modified Carson Millonig Formalin. See page 20 for details.

LM

EM

10% Modified Carson/Millonig

LAB USE

Fixative for light and electron microscopy, renal and kidney tissues, and nephrology

WHY CHOOSE?

An alternative to 10% NBF when better ultrastructural preservation is desired.

KEY INFORMATION

10% Modified Carson/Millonig Formalin may be used as a primary tissue fixative for tissue specimens for both light and electron microscopy, and can be used as an alternative to 10% Neutral Buffered Formalin in laboratories that have validated its use. It is designed to be used at full strength and does not require any additives or dilutions.

Case

20 mL container, 96/case	CM1507
40 mL container, 96/case	CM1115
60 mL container, 96/case	CM1230
120 mL container, 96/case	CM1460

Bulk

5 Gallon Cube	28610-5
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H&E

SPECIAL STAINS

IHC

LM

EDTA Disodium Salt Formalin

LAB USE

Fixative for bone, calcified tissue, orthopedic specimens, teeth, and other antigen-sensitive specimens requiring simultaneous fixation and gentle decalcification.

WHY CHOOSE?

Combines fixation and gentle EDTA-based decalcification to preserve tissue morphology and antigen integrity for bone biopsies, orthopedic pathology, dental applications, and IHC-heavy workflows.

KEY INFORMATION

EDTA Disodium Salt Formalin combines formalin fixation with EDTA-based chelation for gentle decalcification of bone and other calcified tissues. It preserves tissue morphology, proteins, and antigens for downstream IHC and molecular testing. Because EDTA decalcifies more slowly than acid-based methods, it is not recommended for urgent cases.

Bulk

Gallon

S172D-1GL

IHC

LM

EM

IF

Paraformaldehyde 4% In 0.1M Phosphate Buffer pH 7.4

LAB USE

Fixative for research applications, including immunofluorescence (IF) and immunohistochemistry (IHC), where optimal protein and cellular preservation is required.

WHY CHOOSE?

Provides excellent preservation of proteins, cellular structure, and antigen integrity for microscopy and antibody-based techniques.

KEY INFORMATION

4% Paraformaldehyde in 0.1 M Phosphate Buffer (pH 7.4) is a buffered formaldehyde-based fixative commonly used in research applications requiring high-quality preservation of proteins, cellular morphology, and antigens. It is widely used for immunofluorescence, immunohistochemistry, and electron microscopy.

Bulk

Gallon	S2334-1GL
5 Gallon Cube	S2334-5GL

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ExCell Plus™

LAB USE

Fixative for routine tissue specimens, IHC, and molecular applications where a formalin-free alternative is preferred.

WHY CHOOSE?

A low-hazard, formalin-free fixative that supports routine histology, IHC, and molecular testing while reducing formaldehyde exposure.

KEY INFORMATION

ExCell Plus is a low-hazard, glyoxal-based tissue fixative designed as an alternative to 10% Neutral Buffered Formalin (NBF). It contains no heavy metals and delivers comparable fixation performance for routine histology while supporting IHC, ISH, FISH, and molecular applications. Because glyoxal penetrates tissue differently than formalin, fixation times are typically longer.

Bulk

Gallon	FXEXP GAL
5 Gallon Cube	FXEXP5CB

H&E

SPECIAL STAINS

MOLECULAR

IHC

FISH

ISH

LM

GTF™ Formalin Substitute

LAB USE

Fixative for routine tissue specimens where a formalin-free alternative is desired.

WHY CHOOSE?

Provides excellent tissue morphology and high immunoreactivity while eliminating formaldehyde exposure.

KEY INFORMATION

GTF is a glyoxal-based, formalin-free tissue fixative designed as an alternative to 10% Neutral Buffered Formalin (NBF) for routine histology workflows. It provides excellent tissue morphology while preserving high levels of immunoreactivity.

Bulk

Gallon

FS-1

H&E

SPECIAL STAINS

IHC

LM

FROZEN

Frozen Section Fixative

LAB USE

For post-section fixation in cryostat and Mohs workflows for rapid frozen section evaluation.

WHY CHOOSE?

Improves tissue adherence to slides while enhancing staining quality for fast, reliable frozen section diagnosis.

KEY INFORMATION

Frozen Section Fixative is a rapid, low-hazard specialty fixative designed for use after tissue sections are cut on a cryostat. It quickly fixes frozen sections to microscope slides, improving tissue adherence, clarity, and staining performance for routine H&E, rapid H&E, frozen section IHC, and special stain applications.

Bulk

Liter	FXFSFLT
Gallon	FXFSFGAL

H&E

SPECIAL STAINS

IHC

LM

B-5 Fixative (Zinc Chloride)

LAB USE

Fixative for bone marrow biopsies, lymph nodes, spleen, and other hematopoietic tissues requiring excellent nuclear detail and IHC performance.

WHY CHOOSE?

A mercury-free alternative to traditional B-5 fixative that provides exceptional nuclear detail, cytomorphology, and antigen preservation.

KEY INFORMATION

B-5 Fixative with Zinc Chloride is a mercury-free alternative to traditional mercuric chloride B-5 fixative. It is designed to provide outstanding nuclear detail and cytomorphology for bone marrow biopsies, lymph nodes, spleen, and other hematopoietic tissues while improving antigen preservation for immunohistochemistry compared with traditional formalin fixation.

Bulk

Pint	FXB5ZPT
Liter	FXB5ZLT
Gallon	FXB5ZGAL

H&E

SPECIAL STAINS

IHC

LM

B-Plus™ Fix

LAB USE

Fixative for bone marrow biopsies, lymph nodes, and other lymphoid and hematopoietic tissues requiring exceptional nuclear and cellular detail.

WHY CHOOSE?

A mercury-free alternative to B-5 fixative that delivers outstanding nuclear and cellular morphology for hematopathology applications.

KEY INFORMATION

B-Plus Fix provides fixation performance similar to traditional B-5 fixative without the use of mercury. It is designed for bone marrow biopsies, lymph nodes, and other lymphoid tissues where high-resolution nuclear detail is essential. B-Plus chemistry is sensitive to downstream decalcification methods: Decal, Formical, or Immunocal are recommended for optimal results.

Case

20 mL containers, 96/case	BFIX0507
40 mL containers, 96/case	BFIX0115
60 mL containers, 96/case	BFIX0230
90 mL containers, 96/case	BFIX0345
120 mL containers, 96/case	BFIX0460

Bulk

Quart	BFIX-32
Gallon	BFIX-1

H&E

SPECIAL STAINS

LM

Dissect Aid®

LAB USE

Fixative for lymph nodes and fatty tissue.

WHY CHOOSE?

Dissect Aid is used as a tissue grossing fixative that turns lymph nodes pale white for visual contrast.

KEY INFORMATION

Dissect Aid is a specialty grossing fixative designed to enhance lymph node identification and recovery while improving the handling of fatty tissue during specimen dissection. It turns lymph nodes pale white so they stand out from surrounding tissue while firming them for easier identification by touch during gross examination. This dramatically improves lymph node recovery and harvesting and also serves as an excellent fixative for fatty tissues. Trusted by laboratories for over 30 years, Dissect Aid has helped support accurate diagnoses.

Bulk

Gallon	9001-1
2.5 Gallon	9001-2.5
5 Gallon Cube	9001-5

H&E

SPECIAL STAINS

IHC

LM

UroFix

LAB USE

Fixative for prostate tissue specimens.

WHY CHOOSE?

Designed to preserve nuclear detail and penetrate quickly.

KEY INFORMATION

UroFix is a specialty tissue fixative designed specifically for prostate biopsy specimens. It is formulated to provide rapid tissue penetration and excellent nuclear detail preservation, helping laboratories achieve high-quality prostate biopsy morphology while reducing fixation time.

Case

20 mL container, 96/case	UF0507
120 mL container, 96/case	UF0460
8 oz container, 72/case	UF08120

H&E**SPECIAL STAINS****IHC****LM**

GI Fix

LAB USE

Fixative for gastrointestinal (GI) tract and liver biopsies, particularly mucin-rich and inflammatory specimens.

WHY CHOOSE?

Optimized to preserve mucin, inflammatory cells, and cytoplasmic RNA while maintaining excellent H&E morphology.

KEY INFORMATION

GI Fix is a specialty tissue fixative designed for gastrointestinal and liver biopsies. It provides excellent preservation of mucin-rich epithelium, inflammatory cells, and cytoplasmic RNA while maintaining high-quality H&E morphology. It delivers thorough fixation of the mucosa, submucosa, and muscularis layers of the gastrointestinal tract.

Case

20 mL container, 96/case	GI Fix0507
40 mL container, 96/case	GI Fix0115
60 mL container, 96/case	GI Fix0230

H&E

SPECIAL STAINS

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Bouin's

LAB USE

Fixative for gastrointestinal, endocrine, and testicular tissues, as well as specimens intended for trichrome staining.

WHY CHOOSE?

Excellent for preserving soft, delicate tissues while enhancing trichrome staining and providing outstanding nuclear detail.

KEY INFORMATION

Bouin's Fluid is a specialty fixative that preserves soft and fragile tissues while serving as an excellent mordant for trichrome stains. It provides superior nuclear detail and is commonly used for gastrointestinal biopsies, lymph nodes, glycogen preservation, endocrine tissues, and testicular specimens. Because it contains picric acid, it requires careful storage and may leave tissues with a yellow discoloration.

Bulk

100 mL	FXBOU100
Pint	FXBOUPT
Liter	FXBOULT
Gallon	FXBOUGAL

H&E**SPECIAL STAINS****LM**

Bouin's 2000™ Alternative

LAB USE

Fixative for gastrointestinal, endocrine, embryonic, and testicular tissues, especially specimens intended for trichrome staining.

WHY CHOOSE?

A low-hazard, picric acid-free alternative to Bouin's that preserves delicate tissue morphology while enhancing trichrome staining.

KEY INFORMATION

Bouin's 2000 is a mercury-free, picric acid-free alternative to traditional Bouin's fixative. It provides excellent preservation of delicate tissue morphology and is ideal for trichrome, connective tissue, gastrointestinal, endocrine, embryonic, and testicular applications. Its low-hazard formulation also eliminates the strong odor associated with traditional Bouin's solutions.

Bulk

100 mL	FXBOU2100
Pint	FXBOU2PT
Liter	FXBOU2LT
Gallon	FXBOU2GAL

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Hollande's Fixative

LAB USE

Fixative for gastrointestinal (GI) tract and endocrine specimens.

WHY CHOOSE?

A Bouin's alternative optimized for GI and endocrine tissues that enhances nuclear staining while preserving red blood cells and endocrine granules.

KEY INFORMATION

Hollande's Fixative is an alternative to Bouin's fixative formulated with copper acetate to stabilize red blood cells, preserve endocrine granules, and enhance nuclear staining. It is commonly used for gastrointestinal and endocrine tissues and performs well with H&E, histochemical, special, and trichrome stains.

Case

20 mL container, 96/case	HF0507
40 mL container, 96/case	HF0115

Bulk

Gallon	FXHOLGAL
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H&E

SPECIAL STAINS

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Davidson's Fixative Modified

LAB USE

Fixative for tumors, adipose tissue, fatty tissues, and lymph nodes.

WHY CHOOSE?

Provides improved tissue detail with reduced distortion and is less time-sensitive than traditional Davidson's fixative.

KEY INFORMATION

Modified Davidson's Fixative is a more controlled version of traditional Davidson's fixative designed to reduce tissue distortion while preserving excellent morphology. It is commonly used when tissue detail and artifact reduction are prioritized over the simplicity of standard Neutral Buffered Formalin workflows.

Bulk

Gallon	S2628-1GL
5 Gallon Cube	S2628-5GL

SPECIAL STAINS

MOLECULAR

LM

Carnoy's

LAB USE

For nucleic acid studies, glycogen preservation, and specialized histology applications.

WHY CHOOSE?

Provides rapid fixation with excellent nuclear morphology and nucleic acid preservation without the cross-linking artifacts associated with formalin.

KEY INFORMATION

Carnoy's Fluid is a classic alcohol-chloroform-acetic acid fixative used for rapid fixation and outstanding preservation of nuclear detail, glycogen, and nucleic acids. As a non-cross-linking coagulative fixative, it is commonly used in histology and research applications where fixation speed and nuclear clarity are prioritized over long-term tissue stability, although tissue shrinkage limits its routine diagnostic use.

Bulk

Pint	FXCARPT
Liter	FXCARLT
Gallon	FXCARGAL

H&E

SPECIAL STAINS

MOLECULAR

LM

CYTOLOGY

Carnoy's 2000

LAB USE

For cytology, molecular pathology, and specimens requiring excellent preservation of DNA, RNA, glycogen, Nissl substance, and plasma cells.

WHY CHOOSE?

A low-hazard, chloroform-free alternative to traditional Carnoy's Fluid that provides excellent nucleic acid preservation for molecular applications.

KEY INFORMATION

Carnoy's 2000 is an alcohol-based, low-hazard alternative to traditional Carnoy's Fluid that eliminates chloroform, methanol, and mercuric chloride. It preserves DNA, RNA, glycogen, Nissl substance, and plasma cells while maintaining compatibility with light microscopy, H&E, special stains, and molecular applications.

Bulk

Pint	FXCAR2PT
Liter	FXCAR2LT
Gallon	FXCAR2GAL

Glutaraldehyde

LAB USE

For electron microscopy and ultrastructural evaluation of renal, kidney, and other tissues requiring exceptional preservation of cellular detail.

WHY CHOOSE?

Provides exceptional protein cross-linking for superior preservation of membranes, organelles, and cellular ultrastructure.

KEY INFORMATION

Glutaraldehyde is a strong dialdehyde fixative designed for electron microscopy, ultrastructural pathology, and specialized research applications. It provides outstanding preservation of cellular membranes and organelles through extensive protein cross-linking, making it ideal for high-resolution ultrastructural studies. Because glutaraldehyde can interfere with PAS staining, this formulation is not recommended for tissues intended for PAS applications.

Case

5 mL containers, 50/case	FXGLU35CS
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Bulk

Pint	FXGLU3PT
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Glutaraldehyde/ Cacodylate Buffer

LAB USE

Fixative for electron microscopy and ultrastructural evaluation of renal, muscle, and nerve tissues.

WHY CHOOSE?

Combines glutaraldehyde fixation with a cacodylate buffer to preserve fine cellular ultrastructure while maintaining a stable physiologic pH.

KEY INFORMATION

This 2% glutaraldehyde solution is buffered with sodium cacodylate (pH 7.3) for exceptional preservation of cellular ultrastructure in electron microscopy. The cacodylate buffer stabilizes pH throughout fixation, helping maintain structural integrity. Because of its strong cross-linking properties, it is not recommended for routine histology or tissues intended for PAS staining.

Case, 3%

5 mL container, 50/case	FXGCA35CS
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Bulk, 2%

100 mL container	BUG0526
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Pint	BUG0543
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IHC

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EM

Zamboni's Fixative

LAB USE

For research, electron microscopy, light microscopy, and specialized immunohistochemistry applications, including ER/PR staining.

WHY CHOOSE?

Provides excellent antigen preservation with less aggressive cross-linking, making it well suited for specialized IHC and research applications.

KEY INFORMATION

Zamboni's Fixative is a phosphate-buffered picric acid-formaldehyde specialty fixative used in research histology, electron microscopy, and select immunohistochemistry applications. It offers excellent cellular, nuclear, and antigen preservation while producing less aggressive cross-linking than traditional formalin, making it particularly useful for ER/PR immunostaining and other antigen-sensitive studies.

Bulk

Pint	FXZAMPT
Liter	FXZAMLT

EM

Trump's Fixative

LAB USE

For electron microscopy (EM) applications requiring exceptional preservation of cellular ultrastructure.

WHY CHOOSE?

Provides superior preservation of cell membranes, organelles, and protein complexes for high-resolution electron microscopy.

KEY INFORMATION

Trump's Fixative is a glutaraldehyde-based fixative designed for transmission electron microscopy (TEM). It preserves cellular ultrastructure, membranes, organelles, and protein complexes, making it ideal for applications requiring detailed ultrastructural analysis.

Case

5 mL container, 50/case	FXTRU5CS
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Bulk

Liter	FXTRULT
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Karnovsky's Fixative

LAB USE

For electron microscopy applications requiring exceptional preservation of cell membranes, mitochondria, and other subcellular structures.

WHY CHOOSE?

A dual-aldehyde ultrastructure fixative that preserves both tissue architecture and fine cellular detail for high-fidelity electron microscopy.

KEY INFORMATION

Karnovsky's Fixative is a dual-aldehyde fixative containing glutaraldehyde and formaldehyde that provides exceptional preservation of cellular ultrastructure for electron microscopy. It maintains tissue architecture while preserving fine subcellular detail, making it a cornerstone of EM workflows. Because it requires thin tissue specimens and specialized processing, it is not recommended for routine histology applications.

Bulk

Liter	FXXKARLT
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MOLECULAR

LM

Methacarn

LAB USE

Fixative for molecular pathology, PCR, and applications requiring excellent preservation of DNA, RNA, and antigenic sites.

WHY CHOOSE?

A rapid, alcohol-based fixative that provides superior nucleic acid and antigen preservation with less tissue shrinkage than Carnoy's.

KEY INFORMATION

Methacarn is a non-formalin, alcohol-based specialty fixative and an alternative to Carnoy's fixative. It provides excellent nuclear detail while improving preservation of DNA, RNA, and antigenic sites for molecular applications. Compared with traditional Carnoy's, Methacarn produces less tissue shrinkage, making it well suited for PCR, molecular pathology, and other nucleic acid-focused studies.

Bulk

Pint

FXMECPT

Michel's

LAB USE

For transporting fresh, unfixed renal, skin, and lymph node biopsies for direct and routine immunofluorescence studies.

WHY CHOOSE?

Preserves fresh tissue integrity during transport for reliable immunofluorescence testing without fixation.

KEY INFORMATION

Michel's Solution is a specimen transport medium designed to preserve fresh tissue for immunofluorescence (IF/DIF) studies. It maintains specimen integrity and physiologic pH during transport, allowing specimens to be held at room temperature for up to five days before processing. Michel's Wash Solution is required prior to processing, and the medium is not suitable for FISH applications.

Case

7 mL containers, 100/case	MS0735
200 mL containers, 96/case	MS0507

Bulk

Pint	FXMTMPT
Liter	FXMTMLT

IF

Michel's Wash Solution

LAB USE

For preparing specimens received in Michel's Transport Medium for direct immunofluorescence testing.

WHY CHOOSE?

Effectively removes Michel's Transport Medium to prepare specimens for accurate immunofluorescence staining.

KEY INFORMATION

Michel's Wash Solution is used to remove the ammonium sulfate present in Michel's Transport Medium prior to immunofluorescence (IF/DIF) testing. It is commonly used in dermatopathology, renal pathology, and other direct immunofluorescence workflows to prepare specimens for optimal staining.

Bulk

32 Oz	MS-32
Gallon	BUM0157

Citrate Buffer

LAB USE

For antigen retrieval for immunohistochemistry (IHC) workflows.

WHY CHOOSE?

Improves antibody access to target antigens for high-quality, consistent IHC staining.

KEY INFORMATION

Citrate Buffer (pH 6.0) is an antigen retrieval solution used during immunohistochemistry to reverse protein cross-linking caused by formalin fixation. It helps restore antigen accessibility, improving antibody binding and staining performance.

Bulk

Liter	BUC0450
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IHC

IF

CYTOLOGY

Immuno Wash Buffer

LAB USE

For immunohistochemistry (IHC), immunocytochemistry (ICC), immunofluorescence (IF), cytology, and automated staining workflows.

WHY CHOOSE?

Reduces background staining while promoting uniform reagent distribution for cleaner, more specific results.

KEY INFORMATION

Immuno Wash Buffer is an optimized wash reagent designed to remove unbound antibodies during IHC, ICC, and IF procedures. It improves assay specificity, reduces background staining, and promotes even reagent coverage across tissue sections for consistent staining performance, including use on automated staining systems.

Bulk

LiterACR-015

CytoVial

LAB USE

Cytology fixative for pap smears, fine needle aspirations, brushings, and other direct smear cytology specimens.

WHY CHOOSE?

Provides convenient fixation and transport of prepared cytology slides.

KEY INFORMATION

CytoVial contains 95% reagent alcohol for immediate fixation and transport of prepared cytology slides and small cytology specimens. It is designed to preserve cellular morphology during transport and is intended for slide-based cytology specimens rather than bulk tissue or fluid samples.

Case

50 mL vial, 100/case

CVP-9500/100

50% Reagent Alcohol Prefilled Vials

LAB USE

Cytology fixative for collection and preservation of sputum and other cytology specimens.

WHY CHOOSE?

Convenient prefilled vials provide reliable specimen fixation and preservation for cytology workflows.

KEY INFORMATION

These prefilled vials contain 50% reagent alcohol for specimen collection and preservation during cytology processing. They preserve cellular morphology but do not significantly lyse red blood cells or remove background debris.

Case

120 mL vials, 96/case

6950-120ML

StatPrep™ Preserve Gyn

LAB USE

Cytology fixative for pap smears, cervical specimens, endocervical and ectocervical brushings, and other gynecologic cytology samples.

WHY CHOOSE?

Provides standardized collection and preservation for high-quality liquid-based Pap testing.

KEY INFORMATION

StatPrep Preserve Gyn is a liquid-based cytology collection and transport medium for gynecologic specimens. It preserves cervical cells for liquid-based cytology processing, supporting consistent specimen quality and reliable diagnostic evaluation.

Case

20 mL, 100/case

CY50-GYN/20ml

StatPrep™ Preserve Non-Gyn

LAB USE

Cytology fixative for body fluids, urine, sputum, fine needle aspirations, washings, and brushings.

WHY CHOOSE?

A ready-to-use liquid-based cytology preservative that standardizes collection and transport of non-gynecologic specimens.

KEY INFORMATION

StatPrep Preserve Non-Gyn is a liquid-based cytology collection and transport medium designed to preserve non-gynecologic specimens for liquid-based cytology processing. It maintains cellular morphology during transport and preparation for diagnostic evaluation.

Case

20 mL, 100/case	CY50-NONGYN/20ml
30 mL, 100/case	CY50-NONGYN/30ml

Bulk

32 Oz	CY32-NONGYN/32
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StatPrep™ Cytolysis Solution

LAB USE

Cytology fixative for body fluids, urine, sputum, mucoid specimens, fine needle aspirations, and other blood-contaminated cytology samples.

WHY CHOOSE?

Reduces blood background before slide preparation to improve specimen quality.

KEY INFORMATION

StatPrep Cytolysis Solution is a pre-processing cytology reagent designed to lyse red blood cells before slide preparation. It improves specimen clarity and cell recovery but is intended for processing rather than fixation.

Bulk

32 Oz

CY32-LYSIS/32

Lysing Solution

LAB USE

Cytology fixative for bloody body fluids, bone marrow, hematologic specimens, and blood-contaminated fine needle aspirations.

WHY CHOOSE?

Rapidly removes red blood cells to improve visualization of diagnostically important cells.

KEY INFORMATION

Lysing Solution is a processing reagent that selectively lyses red blood cells in cytology and histology specimens. By reducing blood background, it improves cellular visualization and supports more accurate microscopic evaluation.

Bulk

16 Oz

CYC0143

Saccomanno

LAB USE

Cytology fixative for sputum, bronchial washings, brushings, and other respiratory cytology specimens.

WHY CHOOSE?

Preserves cytologic detail while lysing red blood cells and maintaining mucus in suspension for improved cell recovery.

KEY INFORMATION

Saccomanno Collection Fluid is an alcohol-polyethylene glycol cytology fixative designed for respiratory specimens, sputum, and selected body fluids. It combines specimen collection, fixation, and mucus preservation while providing long-term cell preservation, red blood cell lysis, and excellent recovery of diagnostic exfoliated cells.

Case

120 mL, 96/case	SL26
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Bulk

16 Oz	SL25-16
Gallon	SL25-1
2.5 Gallon	SL25-2.5

Bulk, Tinted

Gallon	S266-1GL
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CytoStat™ Red

LAB USE

Cytology fixative for non-gynecologic cytology specimens, including sputum, body fluids, washings, brushings, and fine needle aspirations.

WHY CHOOSE?

Stabilizes diagnostically important cells while reducing red blood cell interference for cleaner cytology preparations.

KEY INFORMATION

CytoStat is an alcohol-based cytology fixative that lyses red blood cells while preserving diagnostic cells for non-gynecologic cytology. CytoStat Red offers the same performance with an added red dye for improved specimen identification and visualization.

Case

120 mL containers, 96/case	CSR-120ML
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Bulk

Gallon	CSR-1
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Cytoloid Mucolytic Reagent

LAB USE

Cytology fixative for sputum, mucoid specimens, and other thick, viscous body fluids.

WHY CHOOSE?

Liquefies mucus to improve cell recovery and produce cleaner, higher-quality cytology preparations.

KEY INFORMATION

Cytoloid Mucolytic Reagent is designed to liquefy and homogenize thick respiratory and mucoid specimens, allowing cells to separate more easily from mucus. It improves cell recovery, slide quality, and overall cytologic evaluation of difficult specimens.

Bulk

Pint	CYCLOPT
Gallon	CYCLOGAL

H&E

SPECIAL STAINS

IHC

FISH

ISH

LM

CYTOLOGY

100% Reagent Alcohol

LAB USE

For routine histology and cytology workflows requiring complete tissue dehydration before clearing and infiltration.

WHY CHOOSE?

Provides removal of residual water for optimal clearing, paraffin infiltration, and staining performance.

KEY INFORMATION

100% Reagent Alcohol is the final dehydrating alcohol used during histology and cytology tissue processing. Typically used in two changes, it removes remaining water before clearing and paraffin infiltration. Its ethanol-based formulation is miscible with common clearing agents, making it an essential reagent for routine pathology workflows.

Bulk

Gallon

6900-1

H&E

SPECIAL STAINS

IHC

FISH

ISH

LM

CYTOLOGY

95% Reagent Alcohol

LAB USE

For routine histology and cytology workflows requiring late-stage tissue dehydration.

WHY CHOOSE?

The primary workhorse dehydrating alcohol for removing residual water before clearing and infiltration.

KEY INFORMATION

95% Reagent Alcohol is the most commonly used dehydrating alcohol in histology and cytology laboratories. It removes nearly all remaining water from tissue during the final stages of dehydration, preparing specimens for clearing, paraffin infiltration, and routine pathology workflows.

Bulk

Gallon	9500-1
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H&E

SPECIAL STAINS

IHC

FISH

ISH

LM

CYTOLOGY

80% Reagent Alcohol

LAB USE

For routine histology and cytology workflows requiring intermediate tissue dehydration.

WHY CHOOSE?

Provides gradual dehydration between lower and higher alcohol concentrations to support consistent tissue processing.

KEY INFORMATION

80% Reagent Alcohol is a graded alcohol solution used as an intermediate dehydration step in histology and cytology workflows. It bridges the transition between lower- and higher-concentration alcohols, promoting controlled water removal while maintaining tissue integrity for routine processing and staining procedures.

Bulk

Gallon

6980-1

H&E

SPECIAL STAINS

IHC

FISH

ISH

LM

CYTOLOGY

70% Reagent Alcohol

LAB USE

For routine histology and cytology workflows requiring the initial dehydration step after fixation.

WHY CHOOSE?

Begins gentle water removal while preparing tissues for progressive dehydration and staining.

KEY INFORMATION

70% Reagent Alcohol is a graded alcohol solution used as an early-stage dehydrating reagent in histology and cytology processing. It is commonly used immediately following fixation to begin gradual water removal while preserving tissue morphology, making it ideal for tissue processing and staining protocols that specifically require 70% alcohol.

Bulk

Gallon

7070-1

H&E

SPECIAL STAINS

IHC

FISH

ISH

LM

CYTOLOGY

50% Reagent Alcohol

LAB USE

For routine histology and cytology workflows requiring low-strength alcohol for transition, rehydration, and staining procedures.

WHY CHOOSE?

Provides consistent low-strength alcohol for early dehydration, rehydration, and cytology processing applications.

KEY INFORMATION

50% Reagent Alcohol is a graded alcohol solution used primarily as a transition, rehydration, and staining reagent in histology and cytology workflows. It is commonly used during early dehydration or late rehydration steps and is especially useful for cytology specimen processing and stain protocols rather than primary tissue dehydration.

Bulk

Gallon

7050-1

H&E**SPECIAL STAINS****IHC****FISH****ISH****LM****CYTOLOGY**

Isopropyl Alcohol

LAB USE

For small tissue specimens, biopsies, microwave processing, and xylene-free tissue processing workflows.

WHY CHOOSE?

An effective alternative to ethanol that helps reduce tissue brittleness in small biopsy specimens while supporting xylene-free processing.

KEY INFORMATION

Isopropyl Alcohol (IPA) is a dehydrating reagent used as an alternative to ethanol in histology and cytology workflows. It is particularly beneficial for processing small or delicate biopsy specimens, helping reduce the risk of dry, brittle tissue. IPA is also compatible with xylene-free processing protocols, although it is not as universally validated as ethanol for diagnostic pathology applications.

Bulk

Gallon

36420-1

70% Isopropyl Alcohol

LAB USE

For routine laboratory cleaning, surface disinfection, and select histology or cytology protocols.

WHY CHOOSE?

Provides effective disinfection and cleaning while supporting specialized laboratory procedures that require 70% isopropyl alcohol.

KEY INFORMATION

70% Isopropyl Alcohol is primarily used as a laboratory disinfectant and cleaning agent. It is also used in select histology and cytology protocols where 70% IPA is specified, although ethanol-based reagent alcohols remain the preferred choice for routine tissue processing and dehydration.

Bulk

Gallon	36700-1
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H&E**SPECIAL STAINS****IHC****FISH****ISH****LM****CYTOLOGY**

Methanol-Free Alcohol

LAB USE

For routine histology and cytology workflows requiring tissue dehydration and staining without methanol.

WHY CHOOSE?

Provides effective tissue dehydration while eliminating methanol exposure in routine laboratory workflows.

KEY INFORMATION

Methanol-Free Alcohol is a dehydrating reagent formulated with a percentage of ethanol and isopropyl alcohol. It provides reliable dehydration and staining performance for histology and cytology while offering a safer alternative to traditional reagent alcohols that contain methanol. It is ideal for laboratories seeking to reduce methanol exposure without compromising processing performance.

Bulk, 100% Alcohol

Gallon	ALREA95GAL
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Bulk, 95% Alcohol

Gallon	ALREA95GAL
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Bulk, 80% Alcohol

Gallon	ALREA80GAL
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Methanol-Free 70% Alcohol

LAB USE

For routine cytology and early-stage histology workflows requiring specimen fixation or initial dehydration without methanol.

WHY CHOOSE?

Provides reliable fixation and early dehydration while reducing laboratory exposure to methanol.

KEY INFORMATION

Methanol-Free 70% Alcohol is an ethanol-based solution designed for cytology fixation and early histology processing. It provides controlled cell preservation and gentle initial dehydration while offering a safer alternative to traditional reagent alcohols containing methanol.

Bulk

Pint	ALREA70PT
Gallon	ALREA70GAL
5 Gallon Cube	ALREA705CB

H&E

SPECIAL STAINS

IHC

FISH

ISH

LM

CYTOLOGY

100% Denatured Alcohol

LAB USE

For routine histology and cytology workflows requiring complete tissue dehydration before clearing and infiltration.

WHY CHOOSE?

Provides complete tissue dehydration in a denatured ethanol formulation available in convenient 5-gallon containers.

KEY INFORMATION

100% Denatured Alcohol is an ethanol-based dehydrating reagent formulated for histology and cytology processing. Used as the final dehydration step before clearing and paraffin infiltration, it is fully compatible with routine staining workflows that require 100% ethanol. Hexone is added to denature the alcohol, making it unsuitable for consumption and allowing shipment in larger 5-gallon containers.

Bulk

5 Gallon Cube

9530-5

H&E**SPECIAL STAINS****IHC****FISH****ISH****LM****CYTOLOGY**

Plus™ Alcohol

LAB USE

For routine histology and cytology workflows requiring tissue dehydration and staining.

WHY CHOOSE?

An ethanol-free alternative that provides effective dehydration while helping prevent over-dehydration of small tissue specimens.

KEY INFORMATION

Plus Alcohol is an isopropyl alcohol and methanol blend available in 95% and 100% formulations. Designed as an alternative to traditional ethanol-based reagent alcohols, it provides excellent dehydration for both small and large tissue specimens and can also be used in staining procedures. Its ethanol-free formulation helps reduce over-dehydration of delicate or small specimens while maintaining reliable processing performance.

Bulk, 95% Plus Alcohol

Gallon	7095-1
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Bulk, 100% Plus Alcohol

Gallon	7100-1
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Ethanol

LAB USE

For research, healthcare, industrial, and manufacturing applications requiring pure ethanol.

WHY CHOOSE?

High-purity ethanol for laboratory and production applications requiring uncompromised alcohol quality.

KEY INFORMATION

Pure Ethanol (Ethyl Alcohol) is a high-purity ethanol intended for research, healthcare, industrial, and manufacturing applications. Because ethanol is a federally regulated product, applicable laws and regulations must be followed, and an Industrial Alcohol User Permit is required for purchase where applicable.

Not available from StatLab. Included as a reference for laboratories evaluating dehydrant options.

Methyl Alcohol

LAB USE

For specialized cytology, hematology, bone marrow, and smear-based specimen preparation.

WHY CHOOSE?

A fast-acting cellular fixative that rapidly preserves nuclear detail and firmly adheres cells to microscope slides.

KEY INFORMATION

Methanol (Methyl Alcohol) is a rapid protein-denaturing fixative used primarily for hematology and cytology smears. It quickly fixes cells to microscope slides while preserving nuclear morphology for high-quality staining. It is commonly used for bone marrow, blood smears, and other smear-based preparations requiring immediate fixation before staining.

Bulk

Pint	ALMETPT
Gallon	40380-1

H&E

SPECIAL STAINS

IHC

LM

IF

FROZEN

Acetone

LAB USE

For frozen sections, enzyme histochemistry, lipid studies, and specialized protocols requiring rapid fixation or dehydration.

WHY CHOOSE?

Provides rapid fixation and dehydration while preserving enzyme activity for frozen-section IHC and immunofluorescence applications.

KEY INFORMATION

Acetone is an ACS-grade organic solvent used as both a fixative and dehydrating agent in specialized histology workflows. It is commonly used for frozen sections intended for immunohistochemistry and immunofluorescence, as well as enzyme histochemistry and lipid-related applications. Acetone can cause tissue shrinkage, as it is not recommended for all tissue types or routine histology protocols.

Bulk

16 Oz	00960-16
Gallon	00960-1

H&E

SPECIAL STAINS

IHC

FISH

ISH

LM

CYTOLOGY

90% Reagent Alcohol

LAB USE

For routine histology and cytology workflows requiring intermediate tissue dehydration.

WHY CHOOSE?

Provides controlled, gradual dehydration for protocols requiring a 90% alcohol transition step.

KEY INFORMATION

90% Reagent Alcohol is a graded alcohol solution used as an intermediate dehydration step in histology and cytology processing. It provides a gradual transition between lower alcohol concentrations and 95–100% alcohol, helping maintain tissue integrity.

Bulk

16 Oz	C818B-16oz
Gallon	C818-4x1GL

H&E

SPECIAL STAINS

IHC

FISH

ISH

LM

CYTOLOGY

Xylene

LAB USE

For routine histology and cytology workflows requiring tissue clearing, deparaffinization, and slide preparation.

WHY CHOOSE?

The gold-standard clearing agent, delivering fast, reliable alcohol removal and excellent compatibility with paraffin processing and staining.

KEY INFORMATION

Xylene is the industry-standard clearing and deparaffinizing agent used throughout routine histology workflows. It removes alcohol from tissues and slides while preparing specimens for paraffin infiltration, embedding, staining, and coverslipping. Its proven performance and broad compatibility make it the most widely validated clearing agent for H&E, special stains, IHC, ISH, FISH, and cytology applications.

Bulk

Gallon

8400-1

H&E

SPECIAL STAINS

IHC

FISH

ISH

LM

CYTOLOGY

Histo-Grade Xylene

LAB USE

For routine histology and cytology workflows requiring tissue clearing, deparaffinization, and paraffin processing.

WHY CHOOSE?

A premium, high-purity xylene manufactured to tighter specifications for consistent performance in pathology laboratories.

KEY INFORMATION

Histo-Grade Xylene is a high-purity clearing agent specifically manufactured for histology and pathology applications. It provides reliable tissue clearing, deparaffinization, and compatibility with paraffin processing and routine staining workflows. Produced to tighter purity specifications than standard laboratory-grade xylene, it delivers consistent performance.

Bulk

Pint

CAXHGPT

H&E

SPECIAL STAINS

IHC

FISH

ISH

LM

CYTOLOGY

XS-3™

LAB USE

For routine histology and cytology workflows requiring tissue clearing, deparaffinization, and coverslipping.

WHY CHOOSE?

A synthetic xylene substitute that delivers reliable clearing performance with lower odor and reduced exposure concerns.

KEY INFORMATION

XS-3 is a xylene substitute that functions as a clearing agent, deparaffinizer, and coverslipping solvent anywhere traditional xylene is used. Its lower-odor formulation provides an effective alternative to xylene while helping reduce laboratory exposure concerns without compromising routine processing performance.

Bulk

Gallon

7400-1

H&E

SPECIAL STAINS

IHC

FISH

ISH

LM

CYTOLOGY

Citra-Clear™

LAB USE

For routine histology and cytology workflows requiring tissue clearing, deparaffinization, and coverslipping.

WHY CHOOSE?

A citrus-based xylene substitute that provides effective clearing with a pleasant citrus odor and a more environmentally friendly alternative to xylene.

KEY INFORMATION

Citra-Clear is a 100% d-limonene, citrus oil-derived xylene substitute. It performs the same primary functions as xylene—including tissue clearing, paraffin removal, and slide preparation for coverslipping—while offering a mild citrus odor and reduced reliance on petroleum-based solvents. Although slightly slower than xylene, it is an effective “green” alternative for routine laboratory workflows.

Bulk

Gallon

6400-1

H&E

SPECIAL STAINS

IHC

FISH

ISH

LM

CYTOLOGY

Transcend

LAB USE

For histology and cytology workflows requiring tissue clearing, deparaffinization, and coverslipping.

WHY CHOOSE?

The most advanced xylene-free clearing agent, delivering exceptional performance with fast drying, low odor, and reduced laboratory exposure.

KEY INFORMATION

Transcend is a xylene-free clearing agent and exit solvent. Its advanced, readily biodegradable formulation provides rapid clearing and dries significantly faster than conventional xylene alternatives, making it ideal for both manual staining and open-platform autostainers. Nearly odorless and low hazard, Transcend also retains up to twice as much paraffin and water as many other xylene substitutes, helping extend reagent life while maintaining consistent staining performance.

Bulk

Liter	CATSCLT
Gallon	CATSCGAL

H&E

SPECIAL STAINS

IHC

FISH

ISH

LM

CYTOLOGY

Clearify™

LAB USE

For routine histology and cytology workflows requiring tissue clearing, deparaffinization, and coverslipping.

WHY CHOOSE?

A low-hazard xylene alternative that delivers reliable clearing performance with an exceptionally safe, user-friendly formulation.

KEY INFORMATION

Clearify is a readily biodegradable xylene alternative that functions as a clearing agent, deparaffinizer, and coverslipping solvent for routine histology and cytology workflows. Its low-hazard formulation is non-carcinogenic, non-dermatologic, and non-corrosive while delivering reliable performance comparable to xylene. With the appearance and odor of water, Clearify offers a safer, more pleasant laboratory experience without compromising results.

Bulk

Liter

CACLELT

H&E

SPECIAL STAINS

IHC

FISH

ISH

LM

CYTOLOGY

Slide Brite

LAB USE

For routine histology slide staining, deparaffinization, clearing, and coverslipping workflows.

WHY CHOOSE?

An effective xylene substitute specifically formulated for slide staining and preparation rather than tissue processing.

KEY INFORMATION

Slide Brite is an Isopar E-based xylene substitute designed for slide staining workflows. It is used for deparaffinization, clearing, and coverslipping, providing an effective alternative to xylene during slide preparation. Optimized for staining-line applications, Slide Brite is intended for slide processing rather than tissue processing.

Bulk

Gallon

SB04

H&E

SPECIAL STAINS

IHC

FISH

ISH

LM

CYTOLOGY

Naturalene™

LAB USE

For routine histology and cytology workflows requiring tissue clearing, deparaffinization, and coverslipping.

WHY CHOOSE?

A biodegradable, low-hazard xylene alternative that delivers reliable clearing performance while helping reduce reliance on traditional xylene.

KEY INFORMATION

Naturalene is a natural, biodegradable xylene substitute designed for routine histology and cytology processing. It functions as a clearing agent, deparaffinizer, and coverslipping solvent while providing the same core performance as xylene with a lower-hazard profile. Its mild citrus odor and biodegradable formulation make it an excellent choice for laboratories seeking a more environmentally friendly alternative to traditional xylene.

Bulk

Gallon

CANATGAL

H&E

SPECIAL STAINS

LM

Decal®

LAB USE

Decalcifier for routine bone and other calcified tissue specimens requiring decalcification before histology processing.

WHY CHOOSE?

Decal is the industry-standard decalcifier, delivering fast decalcification while maintaining excellent tissue morphology for routine histology.

KEY INFORMATION

Decal is a hydrochloric acid- and EDTA-based decalcifying solution designed for routine bone and calcified tissue processing. The hydrochloric acid rapidly removes mineralized calcium, while EDTA chelates residual calcium to help preserve tissue morphology. Its gentle formulation is suitable for overnight decalcification and provides excellent results for routine H&E and light microscopy applications.

Bulk

32 Oz	1212-32
Gallon	1212-1
5 Gallon Cube	1212-5

H&E

SPECIAL STAINS

LM

Decal Stat™

LAB USE

Decalcifier for bone marrow biopsies and other calcified tissue specimens requiring rapid decalcification for routine histology.

WHY CHOOSE?

A fast-acting acid-based decalcifier that delivers excellent routine morphology for urgent cases and quick turnaround.

KEY INFORMATION

Decal Stat is an aggressive acid-based decalcifying solution designed for rapid processing of bone marrow biopsies and other calcified tissues. Most bone marrow specimens can be decalcified in under one hour while maintaining excellent tissue morphology for routine H&E, histochemical, and special stain applications. Its rapid acid-based formulation is best suited for short decalcification times and is not recommended for prolonged decalcification or advanced molecular applications.

Bulk

32 Oz	1211-32
Gallon	1211-1
5 Gallon Cube	1211-5

H&E

SPECIAL STAINS

IHC

LM

Immunocal™

LAB USE

Decalcifier for bone and other calcified tissue specimens requiring decalcification while preserving antigenicity for immunohistochemistry.

WHY CHOOSE?

This is a very mild formic acid-based decalcifier that maximizes antigen preservation for high-quality IHC while maintaining excellent tissue morphology.

KEY INFORMATION

Immunocal is a gentle, formic acid-based decalcifying solution specifically formulated to preserve antigenicity during bone decalcification. It provides excellent tissue morphology and is optimized for immunohistochemistry while maintaining compatibility with routine H&E, special stains, and light microscopy applications.

Bulk

32 Oz	1414-32
Gallon	1414-1

H&E**SPECIAL STAINS****IHC****LM**

Formical-2000™

LAB USE

Decalcifier for routine bone and other calcified tissue specimens requiring a balance of rapid decalcification and tissue preservation.

WHY CHOOSE?

Provides an ideal balance of speed and tissue preservation while maintaining compatibility with most fixatives and downstream staining applications.

KEY INFORMATION

Formical-2000 is a formic acid- and EDTA-based decalcifying solution that offers faster decalcification than EDTA-only formulations while providing better antigen preservation than strong acid decalcifiers. Its gentle formulation delivers excellent tissue morphology and performs well as a general-purpose decalcifier for routine histological specimens, while excelling in tissue preparation for immunohistochemistry.

Bulk

32 Oz	1314-32
Gallon	1314-1
5 Gallon Cube	1314-5

H&E

SPECIAL STAINS

IHC

FISH

ISH

Formical-4™

LAB USE

For large, dense bone specimens, orthopedic tissues, teeth, and other calcified specimens requiring simultaneous fixation and decalcification.

WHY CHOOSE?

Combines fixation and decalcification in a single step while preserving tissue morphology and antigenicity for downstream testing.

KEY INFORMATION

Formical-4 is a combined fixative and decalcifying solution designed for large or dense calcified tissues. It simultaneously fixes tissue and removes calcium, helping reduce overall processing time. Compared with EDTA-based decalcifiers, it provides faster decalcification while preserving excellent tissue morphology and antigenicity. Formical-4 has also proven to be an excellent choice for IHC and ISH.

Bulk

32 Oz	1214-32
Gallon	1214-1
5 Gallon Cube	1214-5

H&E

SPECIAL STAINS

LM

Nitrical™

LAB USE

Decalcifier for bone and other calcified tissue specimens requiring rapid decalcification for routine histology.

WHY CHOOSE?

A fast-acting nitric acid-based decalcifier ideal for urgent cases and high-throughput laboratories.

KEY INFORMATION

Nitrical is a nitric acid-based decalcifying solution designed for rapid removal of calcium from bone and other calcified tissues. Its aggressive formulation provides fast turnaround for routine H&E, light microscopy, and special stain applications. Because nitric acid can damage antigen sites and nucleic acids, it is not recommended for immunohistochemistry, ISH/FISH, or molecular testing.

Bulk

32 Oz

1213-32

H&E

SPECIAL STAINS

IHC

FISH

ISH

LM

RapidCal™

LAB USE

Decalcifier for bone marrow and other calcified tissue specimens requiring rapid decalcification with preservation for immunostaining.

WHY CHOOSE?

Provides faster decalcification than EDTA-based solutions while maintaining antigen preservation for immunohistochemistry and other downstream testing.

KEY INFORMATION

RapidCal is a rapid bone decalcifying solution formulated to efficiently remove calcium while preserving tissue morphology and immunogenicity. It offers a balance between speed and tissue preservation, making it well suited for bone marrow specimens requiring H&E, special stains, immunohistochemistry, ISH, and FISH. Compared with EDTA-based decalcifiers, RapidCal provides faster turnaround with excellent downstream staining performance.

Bulk

Pint	6086
Gallon	6089

H&E

SPECIAL STAINS

LM

R.B.D.™

LAB USE

Decalcifier for bone marrow biopsies, bone fragments, teeth, and other routine calcified surgical specimens requiring rapid decalcification.

WHY CHOOSE?

A fast-acting, biodegradable decalcifier that delivers rapid turnaround for routine bone histology.

KEY INFORMATION

R.B.D. (Rapid Bone Decalcifier) is a fast, aggressive decalcifying solution designed for urgent histology applications, particularly bone marrow biopsies. Most bone marrow specimens can be decalcified in approximately 30 minutes, making it ideal for high-throughput laboratories. R.B.D. is readily biodegradable and non-corrosive. While it provides excellent speed for routine H&E and light microscopy, it is not recommended for applications requiring optimized immunohistochemistry or molecular testing.

Bulk

Gallon

DCR0257

Versenate

LAB USE

Decalcifier for bone, bone marrow, and other calcified tissue specimens requiring maximum preservation of antigens and nucleic acids.

WHY CHOOSE?

An EDTA-based decalcification that minimizes tissue distortion while preserving antigens, nucleic acids, and iron for advanced diagnostic testing.

KEY INFORMATION

Versenate removes calcium through gentle chelation rather than acid dissolution. Although slower than acid-based decalcifiers, it provides exceptional preservation of tissue morphology, antigenicity, nucleic acids, and iron, making it ideal for immunohistochemistry, FISH, PCR, bone marrow evaluation, and iron stain applications.

Bulk

Liter	DCVERLT
Gallon	DCVERGAL

Buffered Versenate

LAB USE

Decalcifier for bone and other calcified tissue specimens requiring maximum preservation for immunohistochemistry and special staining.

WHY CHOOSE?

This is the gentlest decalcifier in the StatLab portfolio, providing exceptional preservation of tissue morphology, antigens, and staining performance.

KEY INFORMATION

Buffered Versenate is a neutral pH (7.4), EDTA-based decalcifying solution that removes calcium through gentle chelation rather than acid dissolution. Its non-aggressive formulation is compatible with immunohistochemistry, iron stains, and virtually all special stain techniques while preserving excellent tissue morphology. Because it relies on chelation instead of acid, decalcification requires more time than acid-based products.

Bulk

LiterDCV0150

H&E

SPECIAL STAINS

LM

EasyCut Decal Solution

LAB USE

Decalcifier for nail or keratinized specimens requiring softening before embedding and sectioning.

WHY CHOOSE?

EasyCut is a medium strength decalcifier that can be used for all routine decalcification needs.

KEY INFORMATION

EasyCut is formulated to provide less aggressive decalcification than rapid decalcifying solutions and complete demineralization in a timely manner. EasyCut Decal Solution offers an excellent balance between decalcification time versus protection of non-calcium containing tissue elements.

Bulk

Liter	DCECDLT
Gallon	DCEDGAL

H&E

SPECIAL STAINS

LM

EDF™

LAB USE

Formulated for bone and other calcified tissue specimens requiring simultaneous fixation and decalcification.

WHY CHOOSE?

Combines fixation and decalcification in a single step to simplify processing and reduce turnaround time.

KEY INFORMATION

EDF is a formic acid- and formalin-based solution that simultaneously fixes and decalcifies bone and other calcified tissues in a single processing step. This convenient all-in-one formulation streamlines routine histology workflows while providing excellent tissue morphology for H&E, light microscopy, and special stain applications.

Bulk

32 Oz	SL85-32
Gallon	SL85-1

Nail Prep™ Solution

LAB USE

Decalcifier for nail specimens requiring softening before embedding and sectioning.

WHY CHOOSE?

Nail Prep softens brittle nail clippings to improve processing, embedding, and microtomy.

KEY INFORMATION

Nail Prep is a pre-processing keratin-softening reagent designed to condition nail tissue before embedding and sectioning. By softening dense, brittle nail specimens, it improves sectioning quality and helps produce more consistent H&E and special stain results.

Bulk

500 mL

NP-500

H&E

SPECIAL STAINS

Nail Prep™ Elite

LAB USE

Decalcifier for nail specimens requiring rapid softening before embedding and sectioning.

WHY CHOOSE?

Nail Prep Elite is a high-strength formulation that softens nail tissue in as little as 15 minutes to accelerate processing.

KEY INFORMATION

Nail Prep Elite is a keratin-softening reagent designed to rapidly condition nail specimens before embedding and sectioning. Its fast-acting formula delivers results in as little as 15 minutes, improving sectioning quality while reducing preparation time for H&E and special stain workflows.

Bulk

Gallon

NPE-1

H&E

SPECIAL STAINS

MOLECULAR

FISH

ISH

LM

Morse's Solution

LAB USE

For bone and other calcified tissue specimens intended for molecular testing, ISH, and FISH applications.

WHY CHOOSE?

Preserves RNA and nucleic acids while providing reliable decalcification for molecular pathology workflows.

KEY INFORMATION

Morse's Decalcifier is a decalcifying solution designed for histology workflows where RNA preservation and compatibility with ISH and FISH are critical. Its formulation provides effective decalcification while helping maintain nucleic acid integrity, making it well suited for molecular applications, special stains, and routine light microscopy.

Bulk

Liter

DCM0150

H&E

SPECIAL STAINS

LM

Decalcifying Fixative HCL + Formic Acid

LAB USE

For bone, small surgical bone specimens, and other routine calcified tissues requiring simultaneous fixation and decalcification.

WHY CHOOSE?

Combines fixation and rapid decalcification in a single step to streamline bone specimen processing.

KEY INFORMATION

Decalcifying Fixative HCL + Formic Acid is a combined fixative and decalcifying solution designed to rapidly process bone and other calcified tissues. Its hydrochloric acid and formic acid formulation removes calcium while simultaneously fixing tissue, reducing overall processing time and providing reliable results for routine H&E, light microscopy, and special stain applications.

Bulk

Gallon

S172-1GL

H&E

SPECIAL STAINS

IHC

FISH

ISH

LM

Buffered Formic Acid + Trisodium Citrate

LAB USE

For bone, small surgical bone specimens, and other routine calcified tissues requiring controlled decalcification.

WHY CHOOSE?

A mild, buffered decalcifier that balances efficient calcium removal with excellent tissue preservation for downstream staining.

KEY INFORMATION

Buffered Formic Acid + Trisodium Citrate is a mild acid-based decalcifying solution that provides controlled removal of calcium while preserving tissue morphology. Its buffered formulation offers better compatibility with immunohistochemistry, ISH, FISH, and special stains than strong acid decalcifiers, making it an excellent choice for routine bone and surgical pathology specimens.

Bulk

Gallon

S169K-4X1GL

NeutraSafe™

LAB USE

For neutralizing waste formalin and other aldehyde solutions prior to disposal.

WHY CHOOSE?

Quickly neutralizes aldehyde waste to support safer handling and compliant drain disposal.

KEY INFORMATION

NeutraSafe is a powder-based formalin neutralizer that effectively neutralizes waste aldehyde solutions in approximately 20–30 minutes. Simply add one bottle to each gallon of waste formalin solution before disposal. For verification, use the NeutraSafe Aldehyde Test Kit to confirm the solution has been fully neutralized prior to drain disposal.

Case

Powdered 500 mL, 12/case	NS550-12
Test Strips Kit, 25/case	FTK/25

NeutraGreen™

LAB USE

For neutralizing waste formalin and other aldehyde solutions prior to disposal.

WHY CHOOSE?

A liquid neutralizer that permanently converts waste formalin into a non-hazardous, non-toxic solution suitable for disposal.

KEY INFORMATION

NeutraGreen is a liquid formalin neutralizer that irreversibly converts formaldehyde into a non-hazardous, non-toxic solution. Treated waste becomes odorless and is neutralized to a 1% formaldehyde concentration within approximately two hours, with complete neutralization achieved in about four hours. Verify neutralization using NeutraGreen Test Strips before drain disposal.

Case

Test Strips Kit, 50/case	NTS-50
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Bulk

Gallon	1525-1G
2.5 Gallon	1525-25
5 Gallon Cube	1525-18

Formalex[®] Green

LAB USE

For neutralizing waste formalin, glutaraldehyde, and other aldehyde solutions prior to disposal.

WHY CHOOSE?

A patented liquid neutralizer that safely converts aldehyde waste into a non-hazardous liquid polymer for easier disposal.

KEY INFORMATION

Formalex Green is an eco-friendly, liquid aldehyde neutralizer designed for 10% Neutral Buffered Formalin, glutaraldehyde, and other aldehyde waste solutions. Its patented formulation converts formaldehyde into a non-hazardous liquid polymer in approximately four hours, helping simplify waste handling while supporting safer laboratory disposal practices.

Bulk

5 Gallon Cube

CWFX-05

PolyForm-F™

LAB USE

For neutralizing formaldehyde and other aldehyde vapors during spills and routine laboratory use.

WHY CHOOSE?

Rapidly absorbs and neutralizes aldehyde spills while helping reduce hazardous vapor exposure.

KEY INFORMATION

PolyForm-F is a vapor-neutralizing spill control granule designed for histology, pathology, and anatomy laboratories. It quickly absorbs, neutralizes, and chemically polymerizes formaldehyde and other aldehydes during spills or exposure events, helping improve laboratory safety by reducing hazardous vapor release and simplifying spill cleanup.

Bulk

Gallon

PF04

Transform™ Spray

LAB USE

For neutralizing formaldehyde on work surfaces in grossing rooms, autopsy suites, surgical areas, and other laboratory environments.

WHY CHOOSE?

Quickly neutralizes aldehyde residue on surfaces to promote a safer laboratory workspace.

KEY INFORMATION

Transform Spray is a ready-to-use aldehyde-neutralizing spray formulated for areas where 10% formalin is routinely handled. It rapidly neutralizes formaldehyde residue on work surfaces in grossing rooms, autopsy suites, surgical areas, and other laboratory environments, helping improve workplace safety and simplify cleanup.

Bulk

Pint

CWTFSP

Phosphate Buffer, 6.8pH

LAB USE

For Giemsa and May-Grünwald staining of bone marrow, blood smears, and cytology specimens.

WHY CHOOSE?

Maintains the optimal pH required for consistent stain quality, color balance, and cellular detail.

KEY INFORMATION

Phosphate Buffer, 6.8pH is a specialty staining buffer used during Giemsa and May-Grünwald staining procedures. It maintains the correct pH for accurate staining of bone marrow, blood smears, mast cells, hematopoietic tissues, and *Helicobacter pylori*, helping produce consistent color contrast and cellular morphology.

Bulk

Pint	BUP1043
Gallon	BUP1057

H&E

SPECIAL STAINS

MOLECULAR

IHC

FISH

ISH

IF

CYTOLOGY

FLOW CYTOMETRY

Phosphate Buffered Saline (PBS)

LAB USE

For general washing and reagent dilution.

WHY CHOOSE?

A versatile laboratory buffer that removes residual reagents while maintaining optimal conditions throughout staining and testing procedures.

KEY INFORMATION

Phosphate Buffered Saline is a general-purpose laboratory buffer used for washing, reagent dilution, and sample preparation across a wide range of pathology and research applications. It is commonly used between fixation, staining, and antibody incubation steps to rinse tissues and maintain physiologic pH.

Bulk, pH 7.2

Liter	BUP0250
Gallon	S2324-1G

Bulk, pH 7.4

Gallon	S2237-1GL
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MOLECULAR

IHC

IF

ISH

Tris Buffered Saline (TBS)

LAB USE

One of the most commonly used wash and dilution buffers in histology, especially for immunohistochemistry (IHC). Its primary role is to maintain a stable pH and ionic environment while minimizing nonspecific staining.

WHY CHOOSE?

Provides effective antibody washing while minimizing assay interference in phosphate-sensitive staining protocols.

KEY INFORMATION

Tris Buffered Saline is a pH-stabilizing buffer used primarily in immunohistochemistry and immunofluorescence. It serves as a wash and antibody dilution buffer, helping to remove unbound reagents, maintain tissue integrity, and reduce background staining while preserving antigen-antibody interactions.

Bulk

Liter	BUT0150
Gallon	BUT0157

Maleimide Buffer

LAB USE

For electron microscopy tissue processing.

WHY CHOOSE?

Enhances ultrastructural preservation by stabilizing protein sulfhydryl groups during EM processing.

KEY INFORMATION

Maleimide Buffer (pH 7.0) is a specialty reagent used in electron microscopy to stabilize protein sulfhydryl groups and improve preservation of cellular ultrastructure. It supports high-quality EM tissue processing for detailed ultrastructural evaluation.

Bulk

32 Oz

S2292-32OZ

Deionized Water

LAB USE

For general laboratory applications requiring high-purity water for reagent preparation, rinsing, dilution, and analytical procedures.

WHY CHOOSE?

Ultra-pure, consistently monitored deionized water produced through a multi-stage purification process for reliable laboratory performance.

KEY INFORMATION

StatLab Deionized Water is produced in-house using a state-of-the-art multi-stage purification system that includes filtration, water softening, reverse osmosis, UV treatment, ultra-purification ion exchange, and fine filtration. The water is continuously circulated through a closed-loop system to help prevent microbial growth, while in-line monitoring and quarterly third-party validation ensure consistently high purity for sensitive laboratory applications.

Bulk

Gallon	SL30-1
2.5 Gallon	SL30-2.5
5 Gallon Cube	SL30-5

Steam Distilled Water

LAB USE

For general laboratory applications including reagent dilution, washing, tissue flotation baths, and final rinses.

WHY CHOOSE?

A dependable laboratory workhorse for everyday histology procedures requiring clean, consistent water.

KEY INFORMATION

Steam Distilled Water is a general-purpose laboratory-grade water used throughout histology and pathology workflows for reagent dilution, buffer preparation, washing steps, tissue flotation baths, and final rinses. It provides the clean, consistent water quality laboratories rely on for routine daily procedures.

Bulk

Gallon

AHW00142E

Common Fixatives

Tissue Specimen	Recommended Prefill
Routine	10% NBF
Small GI	10% NBF or Formalin with Eosin
Prostate	Prostate Biopsy Fixative, 10% NBF, UroFix
Renal IF	Michel's Transport Medium
Ophthalmic Tissue	Davidson's Fixative
Testicular Biopsies	Davidson's Fixative
Skin Biopsies	10% NBF
Colon	10% NBF
Breast	10% NBF
Lymph Nodes	10% NBF, B-5, B-Plus
Bone	10% NBF followed by decalcification
Fatty Tissue	StatFix, Davidson's Fixative, Modified Davidson's Fixative

Tissue Specimen	Recommended Prefill
Kidney	10% NBF, Michel's, Glutaraldehyde
Necropsy	20% NBF
Brain	10% or 20% NBF
Liver	10% NBF, GI Fix
Heart	10% NBF
Placenta	10% NBF
Uterus	10% NBF
Calcified Tissue	EDTA Disodium Salt Formalin or 10% NBF followed by decalcifier
Bone Marrow	B-5, Zinc Formalin, 10% NBF, B-Plus
GI	GI Fix, Hollande's, Bouin's 2000
Endocrine	Hollande's, Bouin's 2000
Renal	Glutaraldehyde/Cacodylate Buffer, Michel's, 10% NBF

Common Fixatives

Cytology Specimen	Recommended Collection
Pap Smear	StatPrep Preserve GYN
Urine	StatPrep Preserve Non-GYN
Body Fluids	StatPrep Preserve Non-GYN
FNA	StatPrep Preserve Non-GYN
Bloody Specimen	CytoStat Red
Respiratory Specimen	Sacomanno Collection Fluid
Thick Mucus Specimen	Cytoloid
Prepared Slide	CytoVial
Blood Contamination Before Processing	Lysing Solution

Clinical Application	Recommended Prefill
IHC	Zinc Formalin, 10% NBF
Molecular Testing	10% NBF, Methacarn, Carnoy's 2000
Immunofluorescence	Michel's Transport Medium
Electron Microscopy	Glutaraldehyde, Karnovsky's, Trump's
Frozen Section/Mohs	Frozen Section Fixative

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10% Modified Carson/Millonig	20	Buffered Versenate	88	Formaldehyde 37%	7
10% Neutral Buffered Formalin	2	Buffered Zinc Formalin	12	Formaldehyde Concentrate	6
10% Neutral Buffered Formalin with 5% or 10% Alcohol	3	Carnoy's	35	Formalex Green	98
10% Zinc Formalin	11	Carnoy's 2000	36	Formical-2000	82
100% Denatured Alcohol	65	Carson Millonig	19	Formical-4	83
100% Reagent Alcohol	56	Citra-Clear	74	Frozen Section Fixative	25
20% Aqueous Formalin	5	Citrate Buffer	45	GI Fix	30
20% Neutral Buffered Formalin	4	Clearify	76	Glutaraldehyde	37
50% Reagent Alcohol	60	Cytoloid Mucolytic Reagent	55	Glutaraldehyde/Cacodylate Buffer	38
50% Reagent Alcohol Prefilled Vials	48	CytoStat Red	54	GTF Formalin Substitute	24
70% Isopropyl Alcohol	62	CytoVial	47	Histo-Grade Xylene	72
70% Reagent Alcohol	59	Davidson's Fixative Modified	34	Hollande's Fixative	33
80% Reagent Alcohol	58	Decal	79	Immuno Wash Buffer	46
90% Reagent Alcohol	70	Decal Stat	80	Immunocal	81
95% Reagent Alcohol	57	Decalcifying Fixative HCL + Formic Acid	94	Isopropyl Alcohol	61
Acetone	69	Deionized Water	105	Karnovsky's Fixative	41
B-5 Fixative (Zinc Chloride)	26	Dissect Aid	28	Lysing Solution	52
B-Plus Fix	27	EasyCut Decal Solution	89	Maleimide Buffer	104
Blue Formalin	8	EDF	90	Methacarn	42
Bouin's	31	EDTA Disodium Salt Formalin	21	Methanol-Free 70% Alcohol	64
Bouin's 2000 Alternative	32	Ethanol	67	Methanol-Free Alcohol	63
Buffered Formic Acid + Trisodium Citrate	95	ExCell Plus	23	Michel's	43
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