

intelliPATH™ Hematoxylin

Counterstain
901-IPCS5006-112222

BIOCARE
M E D I C A L

Catalog Number: IPCS5006 G20, L

Description: 20 mL, 100 mL

Intended Use:

For In Vitro Diagnostic Use

IntelliPATH™ Hematoxylin is a hematoxylin staining reagent intended for visualization of cellular nuclei in tissue sections and cellular preparations. The clinical interpretation of any staining or its absence should be complemented by morphological studies and proper controls and should be evaluated within the context of the patient's clinical history and other diagnostic tests by a qualified pathologist.

Summary & Explanation:

IntelliPATH™ Hematoxylin is water-based and is specially formulated for counterstaining on Biocare's IntelliPATH™ Automated Stainer. IntelliPATH™ Hematoxylin stains nuclei sky-blue and provides high contrast staining for DAB, AEC, Bajoran Purple, Fast Red, and Warp Red procedures.

Materials and Methods:

Reagents Provided:

Kit Catalog No.	Component Description	Quantity x Volume
IPCS5006G20	IntelliPATH™ Hematoxylin	1 x 20 mL
IPCS5006L	IntelliPATH™ Hematoxylin	5 x 20 mL

Known Applications:

Immunohistochemistry (formalin-fixed paraffin-embedded tissues)

Supplied As:

Ready-to-use

Reconstitution, Dilution and Mixing:

IntelliPATH™ Hematoxylin is provided ready-to-use. No reconstitution, dilution or mixing is required.

Materials and Reagents Required but Not Provided:

Microscope slides, positively charged
Desert Chamber* (Drying oven)
Positive and negative tissue controls
Xylene (Could be substituted with xylene substitute*)
Ethanol or reagent alcohol
Decloaking Chamber* (Pressure cooker)
Deionized or distilled water
Wash buffer*
Pretreatment reagents*
Enzyme digestion*
Avidin-Biotin Blocking Kit*(Labeled streptavidin kits only)
Peroxidase block*
Protein block*
Primary antibody*
Negative control reagents*
Detection kits*
Detection components*
Chromogens*
Bluing reagent*
Mounting medium*

* Refer to the Biocare Medical website located at <http://biocare.net> for information regarding catalog numbers and ordering.

Storage and Stability:

Store at room temperature away from light. The product is stable to the expiration date printed on the vial label when stored under these conditions. Do not use after expiration date. Storage under any condition other than those specified must be verified. The reagent(s) are ready-to-use and should not be diluted. The stability of user diluted reagent has not been established by Biocare.

Instructions for Use:

1. After applying the chromogen of choice, rinse slides with automated TBS wash buffer.
2. Apply one water rinse.
3. Apply 300 microliters of IntelliPATH™ Hematoxylin for 1 to 5 minutes.
4. Rinse slides with automated TBS wash buffer.

Limitations:

The protocols for a specific application can vary. These include, but are not limited to fixation, heat-retrieval method, incubation times, tissue section thickness and detection kit used. Due to the superior sensitivity of these unique reagents, the recommended incubation times and titers listed are not applicable to other detection systems, as results may vary. The data sheet recommendations and protocols are based on exclusive use of Biocare products. Ultimately, it is the responsibility of the investigator to determine optimal conditions.


Quality Control:

Refer to CLSI Quality Standards for Design and Implementation of Immunohistochemistry Assays; Approved Guideline-Second edition (I/LA28-A2) CLSI Wayne, PA USA (www.clsi.org). 2011

Precautions:

1. Refer to reagent Safety Data Sheet for precautions.
2. Specimens, before and after fixation, and all materials exposed to them should be handled as if capable of transmitting infection and disposed of with proper precautions. Never pipette reagents by mouth and avoid contacting the skin and mucous membranes with reagents and specimens. If reagents or specimens come in contact with sensitive areas, wash with copious amounts of water.¹
3. Microbial contamination of reagents may result in an increase in nonspecific staining.
4. Incubation times or temperatures other than those specified may give erroneous results. The user must validate any such change.
5. Do not use reagent after the expiration date printed on the vial.

This IntelliPATH™ Hematoxylin contains components classified as indicated in the table below in accordance with the Regulation (EC) No. 1272/2008

Hazard	Code	Hazard Statement
	H315 H319	Causes skin irritation. Causes serious eye irritation.

Troubleshooting:

Follow the antibody specific protocol recommendations according to data sheet provided. If atypical results occur, contact Biocare's Technical Support at 1-800-542-2002.

References:

1. Clinical and Laboratory Standards Institute (CLSI). Protection of Laboratory Workers from Occupationally Acquired Infections; Approved Guideline-Fourth Edition (M29-A4) Wayne, PA 2014.