

intelliPATH™ Hematoxylin

Counterstain

Control Number: 901-IPCS5006-082917

Catalog Number:	Description:
IPCS5006 G20	20ml, ready-to-use
IPCS5006 L	100ml, ready-to-use

Intended Use:
For In Vitro Diagnostic Use

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.

Known Applications:
Immunohistochemistry (formalin-fixed paraffin-embedded tissues)

Supplied As:
20ml
intelliPATH™ Hematoxylin (IPCS5006G20) 20ml x 1
100ml
intelliPATH™ Hematoxylin (IPCS5006L) 20ml x 5

Materials and Reagents Needed 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* (TBS/PBS)
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*

* Biocare Medical Products: Refer to a Biocare Medical catalog for further information regarding catalog numbers and ordering information. Certain reagents listed above are based on specific application and detection system used.

Storage and Stability:
Store at room temperature away from light. Do not use after expiration date printed on vial. If reagents are stored under conditions other than those specified in the package insert, they must be verified by the user. Diluted reagents should be used promptly; any remaining reagent should be stored at room temperature.

Protocol Recommendations:

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.

Quality Statement:
Biocare protocols have been standardized using in-house antibodies, detection and accessory reagents for use on the IntelliPATH automated stainer. Recommended staining protocols are specified in the datasheet of the antibody of interest. Preoptimized IntelliPATH protocols with preset parameters can be displayed, printed and edited according to the procedure in the operator's manual. Refer to the operator's manual for additional instruction to navigate IntelliPATH software and stainer. Use TBS for washing steps unless otherwise specified.

Performance Characteristics:
The optimum antibody dilution and 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. These products are tools that can be used for interpretation of morphological findings in conjunction with other diagnostic tests and pertinent clinical data by a qualified pathologist.

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:
This product is classified as hazardous. Refer to the MSDS for this product for proper handling procedures. The MSDS is available upon request and is located at <http://biocare.net/support/msds/>.
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. Microbial contamination of reagents may result in an increase in nonspecific staining. Incubation times or temperatures other than those specified may give erroneous results. The user must validate any such change.
Consult OSHA, federal, state or local regulations for disposal of any toxic substances.

Warnings:

1. Wear appropriate personal protective equipment and avoid contact with skin and eyes.
2. The MSDS is available at <http://biocare.net/support/msds/>.

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.