Blue Hematoxylin Kit
Catalog Number: K100

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Intended Use
For In Vitro Diagnostic Use.

Product Description
Hematoxylin is a histological staining reagent suitable for visualization of nuclei in tissue sections. Blue Hematoxylin, is a blue nuclear counterstain. Bluing Reagent is used following Counterstaining. both designed for optimal performance when used in immunohistochemistry

Summary and Explanation
DBS's Blue Hematoxylin is intended for use in the histologic demonstration of nuclear staining. This staining technique is used to make the critical distinction between a normal nucleus and an abnormal one. When used as a counterstain in immunohstochemical procedures, Blue Hematoxylin is compatible with most commonly used chromogens including DBS HRP-Yellow, HRP-Red, HRP-Green, HRP-Black, and DAB.

Bluing reagent is intended use for bluing hematoxylin. When applied to tissue sections will change the hue of hematoxylin from purple to blue It replaces the strong alkaline rinses or long tap water washes which may cause loss of cells or tissue sections.

Format
Ready To Use

Kit Contents

Blue Hematoxylin	100mL
Bluing Reagent	100mL

Storage and Handling
Store at room temperature. Do not use after expiration date printed on label.

Preparation of Working Solutions
Blue Hematoxylin and Bluing Reagent are ready to use and does not require any preparation.

Protocol Recommendations
Counterstain
1. Rinse slides with deionized or distilled water.
2. Place slides into Blue Hematoxylin for 30 seconds to rapid IHC, and 1-5 minutes to conventional IHC depending on the strength of the stain desired.
3. Rinse slides in deionized or distilled water until all free hematoxylin has been removed.
4. placing slides into the Bluing reagent for about 5-10 seconds
5. Rinse slides with deionized or distilled water.

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.

Troubleshooting
Contact Diagnostic BioSystems Technical Support at (925) 484-3350, extension 2, techsupport@dbiosys.com or your local distributor to report unusual staining results.

Warranty
There are no warranties, expressed or implied, which extend beyond this description. Diagnostic BioSystems is not liable for property damage, personal injury, or economic loss caused by this product.

Performance Characteristics
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 Diagnostic BioSystems 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.

Precautions
1. Wear disposable gloves when handling reagents.
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.
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 label.
6. The MSDS is available upon request.
7. Consult OSHA, federal, state or local regulations for disposal of any toxic substances.

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