

Mayer's Hematoxylin

<u>Cat No.</u>	<u>Quantity</u>
10-0027	100 mL
10-0049	1000 mL

Intended Use For In Vitro Diagnostic Use.

This product is intended to be used as a nuclear counterstain after immunohistochemistry (IHC) staining in formalin-fixed, paraffin-embedded (FFPE) tissue sections prior to examination under a microscope. It may also be used for standard hematoxylin and eosin (H&E) staining.

Reagents Supplied One bottle of Ready-To-Use Mayer's Hematoxylin.

Summary And Explanation Hematoxylin is used as the basis of a dye in laboratories to stain nuclei in microscope slide preparations. Nucleus should be blue after hematoxylin counterstain and bluing step. Structures that stain with aluminium-haematein are usually the ones containing nucleic acids, such as the ribosomes and the chromatin-rich cell nucleus, and the cytoplasmic regions rich in RNA.

Procedure Shake well before use. For use after IHC staining.

1. Stain slides 2-8 minutes with Mayer's Hematoxylin Solution depending on desired intensity.
2. Rinse slides with tap water until nuclei are blue or dip the slides in 1X PBS or other slightly alkaline solution until nuclei are blue.
3. Proceed to mounting step.

In the event of cold weather, solution may crystallize. To dissolve, store in warm location for 24 hours and shake well before use.

Storage Store at Room Temperature. Store in tightly closed container.

All performance claims are void after the expiration date.

Materials Required But Not Supplied
 FFPE tissue section
 Tap Water
 1X PBS or slightly alkaline solution

Precautions For professional users only.

Wear appropriate personal protection to avoid contact with eyes and skin.

Proper handling and disposal of this product should be used according to local, State, and Federal regulations.

Material Safety Data Sheet (MSDS) available for professional users on request.

Symbols

 Catalog No.	 Batch No.	 In Vitro Diagnostic Use	 Temperature Range	 Use By
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