

**Mayer's Hematoxylin: DR0257**

**Intended Use:** For Research Use Only.

**Description:** Mayer's Hematoxylin (Lillie's Modification) provides nuclear hematoxylin stain in routine H&E, immunoperoxidase procedures, and some special stains. It has been specially formulated to eliminate the necessity for differentiation. Nuclear staining should be strong, clean and crisp. Bluing reagent may be used following hematoxylin to alter the shade of hematoxylin from a purple to blue.

**Package:**

Description	Catalog No.	Size
Mayer's Hematoxylin	DR0257-100ML	100 ml
Mayer's Hematoxylin	DR0257-500ML	500 ml

**Reagents Supplied:** One bottle of Mayer's Hematoxylin.

**Storage and Stability:** Store at room temperature. All performance claims are void after the product expiration date.

**Materials Required but Not Supplied:**

Xylene, graded EtOH, peroxidase block, protein block, negative control reagents, primary antibody, conjugated secondary antibody, chromogen and substrate, pretreatment solution, wash buffer, mounting medium, graduated cylinder, microscope slides, drying oven, positive and negative controls, slide rack, water bath, microwave or pressure cooker.

**Recommended Procedure:**

**Counterstaining for IHC:**

1. Dip slide in Mayer's Hematoxylin several times, or incubate in Mayer's Hematoxylin for 30-60 seconds. Optional: Blue in bluing reagent for 15-30 seconds.
2. Continue with dehydration and clearing and mounting.

**H&E staining:**

1. Incubate in Mayer's Hematoxylin for 3-5 minutes. Optional: Blue in bluing reagent for 15-30 seconds.
2. Counterstain with Eosin 1-3 minutes.
3. Continue with dehydration and clearing and mounting.

**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

**Uses/Limitations:**

Not to be taken internally.  
Do not use if reagent becomes cloudy.  
Use caution when handling reagents. Non-Sterile.

**Precautions:**

Avoid contact with skin and eyes.  
Harmful if swallowed.  
Follow all Federal, State, and local regulations regarding disposal.

**Troubleshooting:**

1. Refer to reagent-specific protocol recommendation according to datasheet provided.
2. For further assistance, contact Medaysis at Techsupport@medaysis.com or +1 510-509-3153.