

Servicebio[®] H&E Staining Kit (Hematoxylin and Eosin)

Cat No.: G1005

Product Information

Product Name	Cat. No.	Spec.
H&E Staining Kit (Hematoxylin and Eosin)	G1005-100ML	2×100 mL
	G1005-500ML	2×500 mL

Description

H&E Staining Kit (Hematoxylin and Eosin) is intended for use in histology and cytology applications. Included in this kit is a newly formulated Eosin that provides the benefits of a traditional alcoholic formula with significant improvements in usability. Advantages include lower evaporation rate, better color patterns, reduced tendency to spill over container, hands, and countertops, and improved surface tension to remain on tissue section. The Hematoxylin produces crisp, intense blue nuclei providing optimal contrast to the Eosin Y stained cytoplasm. After tissue sections or cells are stained, the nuclei are blue, the cytoplasm are light pink, collagen are pink, muscle are pink to rose, and erythrocytes are pink to red.

Storage and Handling Conditions

Store and transport at room temperature. Valid for 18 months.

Directions for Use

1. Deparaffinize sections if necessary and hydrate to distilled water.
2. Rinse slide in distilled water.
3. Stain slide in Hematoxylin, Mayer's for 3-5 minutes.
4. Rinse slide in running tap water.
5. Apply Differentiation Reagent for 2-5 seconds, rinse slide in running water.
6. Apply Bluing Reagent for 30 seconds.
7. Rinse in distilled water.
8. Dip slide in 85% alcohol for 3-5 min, and then 95% alcohol for 3-5 min, and blot excess off.
9. Apply adequate Eosin Y Solution (Alcoholic) to completely cover tissue section to excess and incubate for 2-5 minutes.
10. Rinse slide using absolute alcohol.
11. Dehydrate slide in 3 changes of absolute alcohol.
12. Clear slide and mount in synthetic resin.

Note

Please wear lab coat and disposable gloves during operation.

For Research Use Only!

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