

*Data sheet* **Eosin Y, Counter stain**

**Catalog number:** AR-6522-01 15 ml  
AR-6522-02 100 ml  
AR-6522-03 250 ml  
AR-6522-04 500 ml.

**Description:** Hematoxylin and Eosin (H&E) staining is used most commonly in histology. Hematoxylin is a basic dye and stains basophilic structure. Eosin Y is a fluorescent red dye is used to stain cytoplasm, collagen and muscle fiber. Slides stained with hematoxylin and eosin can only be mounted with organic mounting mediums. H&E stains slides are not compatible with aqueous mounting medium.

**Intended Use:** Histology.

**Reagent:** Ready to use counterstain.

**Storage:** Room temperature.

**Procedure:**

**H and E staining:** Follow the procedure as outlined for H and E staining. We use the following protocol:

1. Deparaffinize formalin-fixed paraffin-embedded (FFPE) tissue sections.
2. Stain with hematoxylin for 4 minutes (2X), wash 4-5X with tap water, and rinse 2 X with de/di water.
3. Dip in 10 % acetic acid 2X, wash with de/di water, wash with Universal Immuno buffer (ImmunoBioScience), PBS or any buffer with pH 7.4-8.
4. Rinse 2X with 70% ethanol, apply Eosin stain 1-5 minutes, and wash with 70% ethanol to remove excess Eosin..
5. Rinse 2X with 95% ethanol, 2X with 100% ethanol, xylene or any dehydrating agent.
6. The slide can be mounted with organic mounting medium or our Organo /limonene (AR-6504) mounting medium.

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**Limitation and warranty:** Our warranty is limited to the actual price paid for the product. We are not liable for any property damage, personnel injury, time, effort or economic loss due to our product.

**MSDS:** Avoid skin and eye contact with all laboratory products. Use appropriate lab. gear, lab coat , gloves and safety glasses. Do not ingest any lab. products. This product is not approved for administration in human or animals.

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**For research use only; not for use in diagnostic procedures.**

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