# Eosin Y Solution (1%), Aqueous

**(Cat. # 786-1072, 786-1073 & 786-1074)**

Eosin Y is an acid stain (counterstain) which interacts with cellular proteins rich in basic amino acids. A dye protein complex is formed that is characterized by vivid pink cytoplasmic staining. Conventional stain, used for Hematoxylin and Eosin (H&E) staining in histology and cytology procedures.

Ready to use formulation optimized for histology and cytology procedures where reproducible results are important. Manufactured with BSC certified reagents.

**Items Supplied:**

1. Eosin Y Solution (1%), Aqueous

**Additional items needed but not supplied:**

- Hematoxylin
- Ethanol (95%)
- Scott's Tap Water Substitute (Bluing Reagent)

**Storage:**
Room Temperature



**Protocol:**

1. Deparaffinize sections in water or fix and hydrate frozen sections.
2. Stain in hematoxylin.
3. Rinse slides in running tap water.
4. Differentiate if regressive hematoxylin is used. Rinse in running tap water.
5. Blue in Scott's Tap Water Substitute.
6. Rinse in running tap water.
7. Aqueous Eosin Y Solution may be acidified by adding up to 0.5 mL of glacial acetic acid per 100 mL of stain.
8. Counterstain in Acidified Aqueous Eosin Y Solution for 2 minutes.
9. Dehydrate, clear and mount.

**Result Interpretation:**

| **Target Structure** | **Staining Result** |
|---|---|
| Cytoplasm | Pink to Red |
| Nuclei | Blue to Blue Black |