

## Mayer's Hematoxylin

### PRODUCT INFORMATION:

PS014 500ml  
PS014 100ml

#### INTENDED USE

*For Laboratory use only*

#### SUMMARY

This histological staining reagent is suitable for visualization of nuclei in tissue sections and cell preparations. This reagent does not contain alcohol and is suitable for use with all chromogens commonly used in immunohistochemical (IHC) applications. It may also be used for routine Hematoxylin and Eosin staining. Hematoxylin solutions contain hematein and a metal mordant. The mordant provides the stain color. In the case of Mayer's Hematoxylin, the hematoxylin contains aluminum, giving a blue color. Mayer's Hematoxylin is a progressive stain which does not require acid wash after the hematoxylin step. For histochemical purposes, the progressive staining is commonly used. Slides are left in the hematoxylin solution only long enough to stain the nuclei. After staining, tissues are blued in tap water or ammonia solution that has been slightly alkalized.

#### DESCRIPTION

PathnSitu's Mayer's Hematoxylin is ready-to-use solution provided in 2 different pack sizes i.e 100ml and 500ml.

#### STORAGE

Store at Room Temperature. Do not use after expiration date printed on the bottle. If reagents are stored under conditions other than those specified in the package insert, the user must verify them. Further dilution of this solution may lead to sub optimal staining.

#### STAINING PROCEDURE

Nuclear counterstain for IHC stains:

1. Complete individual staining procedure. Rinse slide(s) with Immuno wash buffer or deionized water.
2. Stain tissue sections or cell preparations for 2-3 min with hematoxylin.
3. Rinse with water to remove excess reagent.
4. Place in bluing reagent (alkaline solution such as a weak ammonia solution, 0.08% in water) or running tap water until stain is blue (approximately 60 - 120 seconds).
5. Rinse in deionized water.
6. Process slides for dehydration and/or mounting procedures.

#### STAINING INTERPRETATION

Mayer's Hematoxylin stains the cell nuclei in Blue color.

#### TROUBLESHOOTING

Store Mayer's Hematoxylin in original container at room temperature. If the staining power is in question, add a few drops of hematoxylin to 50 mL of tap water. When the hematoxylin is good, the water will turn a bright, clear purple or blue-violet color. Exhausted solutions will not be clear and bright. The color will be rusty. For further more questions please contact PathnSitu Technical support at [techsupport@pathnsitu.com](mailto:techsupport@pathnsitu.com) or 040-2701 5544.

#### EXPLANATION OF SYMBOLS

LOT- Lot number / Batch number



Storage limitation

**Laboratory Use Only**