

Modified Mayer's Hematoxylin

PRODUCT INFORMATION:

PS020 2.5 L
PS020 1 L
PS020 500 ml

INTENDED USE

For Laboratory use only

SUMMARY

Mayer's hematoxylin 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.

Modified Mayer's Hematoxylin is a progressive stain which does not require acid wash after the hematoxylin step. Slides are left in Hematoxylin solution for 2-5 minutes to stain the nuclei. After staining, tissues require bluing with running tap water or ammonia solution.

DESCRIPTION

PathnSitu's Modified Mayer's Hematoxylin is ready-to-use solution provided in 3 different pack sizes i.e. 500ml, 1L and 2.5L.

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.

SAMPLE PREPARATION

1. Deparaffinize and rehydrate the Formalin-Fixed Paraffin-Embedded (FFPE) tissue sections using Xylenes, graded alcohols and water
2. Fix the cell smears in 95% alcohol prior to staining procedure.

STAINING PROCEDURE

1. Cover tissue sections or cell preparations for 2-3 min with hematoxylin.
2. Rinse with water to remove excess reagent.
3. 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).
4. Rinse in deionized water.
5. Process slides for dehydration and/or mounting procedures.

STAINING INTERPRETATION

Modified Mayer's Hematoxylin stains the cell nuclei in blue color.

TROUBLESHOOTING

Store Modified Mayer's Hematoxylin, in its original container at room temperature. If the staining power is in question, add a few drops of Hematoxylin to 50mL of tap water. When the Hematoxylin is good, the water will turn a bright, clear purple to blue color. Exhausted solutions will not be clear and bright. If precipitates are observed, filter the solution before use. For further more questions please contact PathnSitu Technical support at 040-27015544 or email techsupport@pathnsitu.com

EXPLANATION OF SYMBOLS

LOT- Lot number / Batch number



- Expiry



Storage limitation

Laboratory Use Only