

TECHNICAL SHEET

BA045

HAEMATOXYLIN (HARRIS)

Formula

Reagent:

Hematoxylin	5.000 gm
Ammonium or potassium alum	100.000 gm
Mercuric oxide	2.500 gm
Alcohol 95%	50.000 ml
Distilled water	1000.000 ml

Directions:

1. Flame the slide and place in xylene for 3-4 minutes. Repeat xylene treatment with agitation.
2. Dip in 100% absolute alcohol for 30-60 seconds. Next, dip in 90%, 80% and in 70% absolute alcohol. Wash in tap water and rinse in distilled water.
3. Stain in Haematoxylin (BA045) for 3-5 minutes. Wash in tap water.
4. Dip in 0.5% (v/v) hydrochloric acid.
5. Rinse in tap water for 30-60 seconds.
6. Dip in dilute ammonia water till section appears blue.
7. Wash in tap water and then rinse in 95% alcohol.
8. Agitate in eosin solution for 10-60 seconds. Drain stain solution.
9. Dip slide in 70% alcohol for 30-60 seconds.
10. Place in 95% alcohol for 30-60 seconds.
11. Place in absolute alcohol (2 changes, 30-60 seconds each).
12. Place the slide twice in xylene for 30-60 seconds.
13. Drain excess xylene and mount on DPX or Canada balsam with a coverslip.

The first 2 steps of the procedure are collectively referred to in all staining procedures as "deparaffinize." Steps 3-8 are referred to as "staining". The last 5 steps are referred to in all staining methods as "dehydrate, clear, and mount".

Quality Control:

Appearance: Red coloured solution clear without any particles.

Microscopy: Nuclei: Blue, Cytoplasm: Grey or pale blue

Storage: Below 30°C.

Packing: 100 ml

Warning & Precautions: In Vitro diagnostic Use only. For professional use only. For Laboratory Use. Read the label before opening the container. Wear protective gloves/protective clothing/ eye protection/ face protection. Follow good microbiological lab practices while handling specimens and culture. Standard precautions as per established guidelines should be followed while handling clinical specimens. Safety guidelines may be referred in individual safety data sheets

Use: Hematoxylin (Harris) is Recommended as nuclear stain for Immunohistochemical and cytochemical staining.

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Disposal:

User must ensure safe disposal by autoclaving and/or incineration of used or unusable preparations of this product. Follow established laboratory procedures in disposing of infectious materials and material that comes into contact with clinical sample must be decontaminated and disposed of in accordance with current laboratory techniques.

Disclaimer:

User must ensure suitability of the product(s) in their application prior to use. Products conform solely to the information contained in this and other related BIOMARKLABORATORIES publications.

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