

Hematoxylin, Weigert's Iron Kit

Instructions For Use

Revision Date: July 20, 2022

Description

Weigert's Iron Hematoxylin is intended to be used with various special stain kits and procedures as an acid-resistant nuclear stain. It may also be used as a standalone stain for viewing nuclei. This product is supplied as a two component (equal volumes of parts A and B) system that is mixed prior to use and results in blue/black nuclei. Rapid demonstration of nuclei is achieved by an unoxidized solution of hematoxylin accompanied by ferric chloride which acts as an oxidizer and mordant for the hematoxylin.

Expected Results

Nuclei: Blue to Black

Kit Contents

1. Hematoxylin, Weigert's Iron (Part A)
2. Hematoxylin, Weigert's Iron (Part B)

Storage

- 18-25°C
18-25°C

Suggested Controls (not provided)

Any well-fixed tissue.

Uses/Limitations

For In-Vitro Diagnostic use only.
Do not use if reagents become cloudy or precipitate
Do not use past expiration date.
Use caution when handling reagents.
Non-Sterile
Intended for FFPE sections cut at 5-10µm.
This procedure has not been optimized for frozen sections.
Frozen sections may require protocol modification.

Storage

Store all components at room temperature (18-25°C).

Safety and Precautions

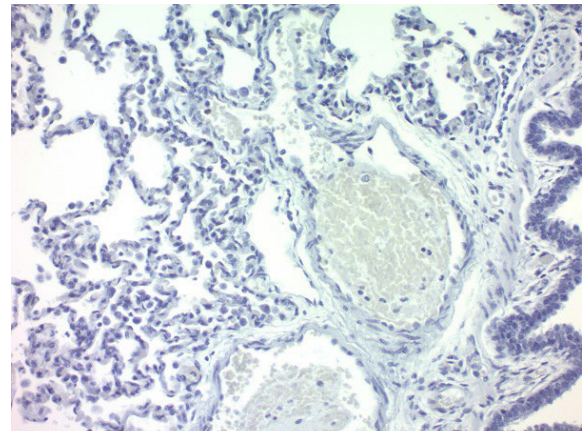
Please see current Safety Data Sheets (SDS) for this product and components GHS classification, pictograms, and full hazard/precautionary statements.

Procedure:

1. Deparaffinize sections if necessary and hydrate to distilled water.
2. Immediately before use, mix equal volumes of Part A and Part B.

Note: Do not reuse mixed stain

3. Stain slide in combined Hematoxylin, Weigert's Iron for 2-5 minutes.
4. Rinse for 2 minutes in several changes of tap water.
5. (Optional) Dip slide in a Bluing Reagent (ScyTek Item# BRT) for 30 seconds.
6. Rinse slide in distilled water.
7. Dehydrate in absolute alcohol.
8. Clear, and mount in synthetic resin.



Nuclei in Pig Lung stained with Hematoxylin, Weigert's Iron Kit

References

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