ScyTek LABORATORIES INC.

Instructions For Use

BRT-IFU

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Bluing Reagent for Hematoxylin

Description and Principle
A pH-controlled solution for quick and effective bluing of hematoxylins used in histological and cytological procedures.

Expected Results
Nuclei: Purple
Nuclei after Bluing: Blue

Additional Required Reagents *(Not Included)*
1. Hematoxylin, Mayer's (Lillie's Modification)

Suggested Controls *(not provided)*
Any well-fixed tissue stained with hematoxylin.

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 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
Counterstaining for IHC:
Dip slide in Mayer's Hematoxylin (Lillie's Modification) several times. Blue in bluing reagent for 15-30 seconds.

-OR-

Incubate in Mayer's Hematoxylin (Lillie's Modification) for 30-60 seconds. Blue in bluing reagent for 15-30 seconds.

H&E staining and Hematoxylin standalone:
1. Stain for 3-5 minutes in Mayer's Hematoxylin (Lillie's Modification). Note: Longer incubation times provide a darker stain.

2. Blue in bluing reagent for 15-30 seconds.

3. Continue with incubation in Eosin or dehydration and clearing and mounting.

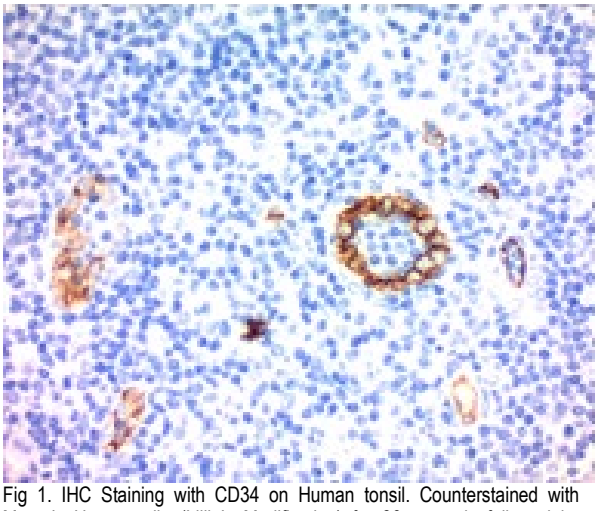

Fig 1. IHC Staining with CD34 on Human tonsil. Counterstained with Mayer's Hematoxylin (Lillie's Modification) for 30 seconds followed by bluing with Bluing Reagent.

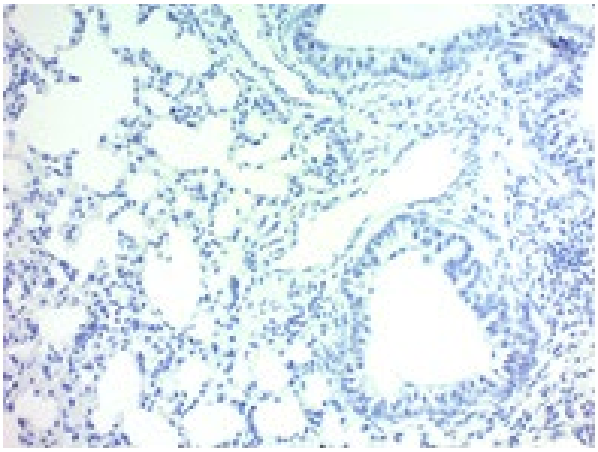

Fig 2. Blued Hematoxylin on Pig Lung.

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