



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Mayer's Hematoxylin (Lillie's Modification)

**Description:** Mayer's Hematoxylin (Lillie's Modification) is a progressive nuclear hematoxylin stain with several histological applications. Nuclei staining is strong, clean, crisp, and no differentiation is needed. Bluing reagent (Catalog: BRT) may be used following hematoxylin to "blue" or alter the shade of hematoxylin from a purple to blue.

Nuclei: Purple  
Nuclei after Bluing: Blue  
Nuclei after Eosin: Blue to Violet

**Uses/Limitations:** Not to be taken internally.  
For In-Vitro Diagnostic use only.  
Histological applications.  
Do not use if reagent become cloudy.  
Do not use past expiration date.  
Use caution when handling reagent.  
Non-Sterile.

**Control Tissue:** Any well-fixed tissue.

**Availability/Contents\*:**

<u>Item #</u>	<u>Volume</u>
HMM125	125 ml
HMM500	500 ml
HMM999	1000 ml

\*Also available in bulk. Please contact for pricing and availability.

**Precautions:** Avoid contact with skin and eyes.  
Follow all Federal, State, and local regulations regarding disposal.

**Storage:** Store at room temperature (18-25°C)

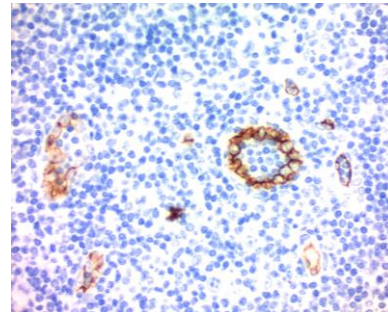


Fig 1. IHC Staining with CD34 on Human tonsil. Counterstained with Mayer's Hematoxylin (Lillie's Modification) for 30 seconds followed by bluing with Bluing Reagent.

**Product Codes:**  
CD34 – A00070  
Hematox. – HMM  
Bluing Reagent – BRT

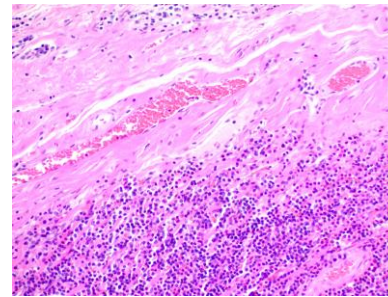


Fig 2. Hematoxylin and Eosin Staining with ScyTek's HAE-1 stain kit.

**Product Codes:**  
H&E Kit – HAE-1, HAE-2  
Hematoxlyn. – HMM  
Bluing Reagent – BRT  
Eosin Y Solution – EYB

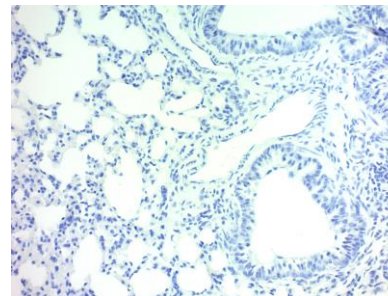


Fig 3. Blued Hematoxylin on Pig Lung.

**Product Codes:**  
Hematoxlyn. – HMM  
Bluing Reagent – BRT

Storage: 18° C



25° C



ScyTek Laboratories, Inc.  
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Logan, UT 84321  
U.S.A.



Emergo Europe  
Prinsessegracht 20  
2514 AP The Hague, The Netherlands

## Procedure(s):

### 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 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.

### References:

1. Sheenan, D.C., Hrapchak, B.B. Theory and Practice of Histotechnology, 2<sup>nd</sup> Edition. Battelle Press, Columbus, OH. Page 262-264. 1980
2. Kluver, H., Barrera, E.A. A Method for the combined staining of cells and fibers in the nervous system. Journal of Neuropathology and Experimental Neurology, 1953, 12: pages 400-403.
3. Margaret M. Powers & George Clark (1955) An Evaluation of Cresyl Echt Violet Acetate as a Nissl Stain, Stain Technology, 30:2, 83-88,

Storage: 18° C



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