

Mast Cell Stain - Tissue Control Slides

- Description:** Human skin.
Natural or disease state (where applicable).
Paraffin embedded.
- Availability:** TCS0014-5 5 unstained slides.
TCS0014-25 25 unstained slides.
TCS0014-100 100 unstained slides.
- Storage:** 2-25° C.
- Suggested Stain Kit:** CEM-1
- Procedure:** See below.

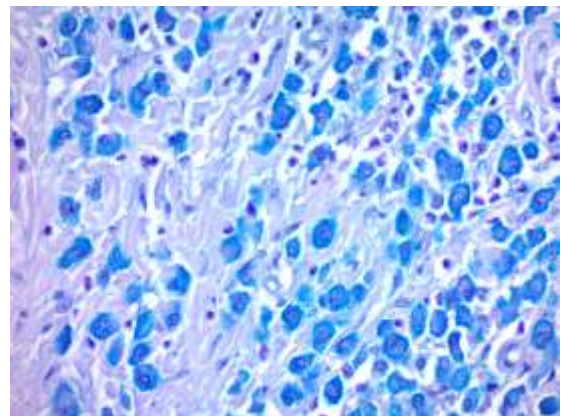
Eosinophil-Mast Cell Stain Kit

Description: The Eosinophil-Mast Cell Stain Kit is intended for simultaneous visualization of eosinophils and mast cells.


Mast Cells:	Bright Blue
Eosinophils:	Red
Nuclei:	Blue


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

Control Tissue: Any mast cell tumor.
Skin.
Gastro-intestinal tract.
Intermuscular tissue.




Ordering information regarding individual components on back page!

Storage: 2° C  25° C

 ScyTek Laboratories, Inc.
205 South 600 West
Logan, UT 84321
U.S.A.

 EmergoEurope (31)(0) 70 345-8570
Molsnstraat 15
2513 BH Hague, The Netherlands

Instructions For Use TCS0014-IFU

Rev. Date: Oct. 10th, 2017

Revision: 1

Page 2 of 2

P.O. Box 3286 - Logan, Utah 84323, U.S.A. - Tel. (800) 729-8350 – Tel. (435) 755-9848 - Fax (435) 755-0015 - www.scytek.com

Kit Contents:

<u>Item #</u>	<u>Kit Contents</u>	<u>Volume</u>	<u>Storage</u>
AST125	Astra Blue Solution	125 ml	18-25°C
VRN125	Vital New Red Solution	125 ml	18-25°C
HMM125	Hematoxylin, Mayer's (Lillie's Mod.)	125 ml	18-25°C

Precautions: Avoid contact with skin and eyes.
Harmful if swallowed.
Follow all federal, state, and local regulations regarding disposal.
Use in chemical fume hood whenever possible.

Procedure:


1. Deparaffinize sections if necessary and hydrate to distilled water.
2. Stain tissue section with Astra Blue Solution for 1-3 minutes.
3. Rinse quickly in 2 changes of distilled water.
4. Stain tissue section with Vital New Red Solution for 30 minutes with frequent agitation.
5. Rinse quickly in 2 changes of distilled water.
6. Counterstain in Hematoxylin, Mayer's (Lillie's Modification) for 15-30 seconds.
7. Rinse slide in running tap water for 2 minutes followed by one dip in distilled water.
8. Dehydrate quickly through 3 changes of absolute alcohol.
9. Clear, and mount in synthetic resin.


References:

1. Kermanizadeh, P., et al. A differential staining method for mast cells and eosinophils in murine intestine, liver and spleen. *Parasitology Today*, 1995, May; 11(5): pages 194-196.
2. Ball, M.T., Hay, J.: Simultaneous Demonstration of Eosinophils, Granulocytes, and Mast Cell in Tissue Sections. *Annals of Tropical Medicine and Parasitology.*, 84: pages 195-196, 1990.
3. Strobel, S., et al. Human intestinal mucosal mast cells: evaluation of fixation and staining techniques. *Journal of Clinical Pathology*, 1981; 34: pages 851-858.


Bulk Reagent Ordering Information and Current Pricing at www.scytek.com

Description:	Catalog #	Volume
Astra Blue Solution	AST125	125 ml
	AST500	500 ml
Vital New Red Solution	VRN500	500 ml
	VRN999	1000 ml
Hematoxylin, Mayer's (Lillie's)	HMM125	125 ml
	HMM500	500 ml
	HMM999	1000 ml
	HMM3800	1 Gallon

Storage: 2° C  25° C

 ScyTek Laboratories, Inc.
205 South 600 West
Logan, UT 84321
U.S.A.

 EmergoEurope (31)(0) 70 345-8570
Molsnstraat 15
2513 BH Hague, The Netherlands