

Combined Eosinophil-Mast Cell Stain Kit

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

Mast Cells:	Bright Blue
Eosinophils:	Bright Red
Nuclei:	Blue

Uses/Limitations: For In-Vitro Diagnostic use only.
Histological applications.
Do not use past expiration date.
Use caution when handling these reagents.

Control Tissue: Any well fixed section cut 3-5 microns or any air dried smear on clean slide.

Availability/Contents:

<u>Kit Contents</u>	<u>Volume</u>	<u>Storage</u>
Astra Blue Solution	125 ml	15-30°C
Vital New Red Solution	125 ml	15-30°C
Hematoxylin, Mayer's (Lillie's Mod.)	125 ml	15-30°C

Precautions: This product is a single-use, non-sterile, in vitro diagnostic device.
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 (Standard):

Note: Performing stain on a 37°C slide warmer intensifies colors.

1. Deparaffinize sections if necessary and hydrate to distilled water.
2. Stain tissue section with Vital New Red Solution for 30 minutes with frequent agitation.
3. Rinse quickly in 2 changes of distilled water.
4. Stain tissue section with Astra Blue Solution for 1-3 minutes with frequent agitation.
5. Rinse quickly in 2 changes of distilled water.

Optional:

- 5a. Counterstain in Hematoxylin, Mayer's (Lillie's Modification) for 5-10 seconds.

Storage: 15° C



30° C

**Store All Components At
Room Temperature.**



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Instructions For Use KT004-IFU

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- 5b. Rinse slide in running tap water for 2 minutes followed by one dip in distilled water.
6. Blot dry.
7. Dehydrate quickly through 3 changes of absolute alcohol (about 20 seconds each).
8. Shake off excess and blot dry.
9. Air dry for about 1 minute.
10. Clear, and mount in synthetic resin.

References:

1. Ball, M.T., Hay, J.: Simultaneous Demonstration of Eosinophils, Granulocytes, and Mast Cell in Tissue Sections. Ann Trop Med Parasitol., 84: pages 195-196, 1990.

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