



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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# Instructions For Use

## CEM-IFU

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## Eosinophil-Mast Cell Stain Kit

### Description and Principle

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

Mast cells are rapidly stained bright blue by Astra Blue Solution. Vital New Red Solution stains eosinophils red and gives a pink background. Nuclei are stained by a rapid and progressive hematoxylin solution.

### Expected Results

Mast Cells:	Bright Blue
Eosinophils:	Red
Nuclei:	Blue

### Kit Contents

Kit Contents	Storage
1. Astra Blue Solution	18-25°C
2. Vital New Red Solution	18-25°C
3. Hematoxylin, Mayer's (Lillie's Mod.)	18-25°C

### Suggested Controls (not provided)

Any well fixed section cut 3-5µm thickness or cell smear

### 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

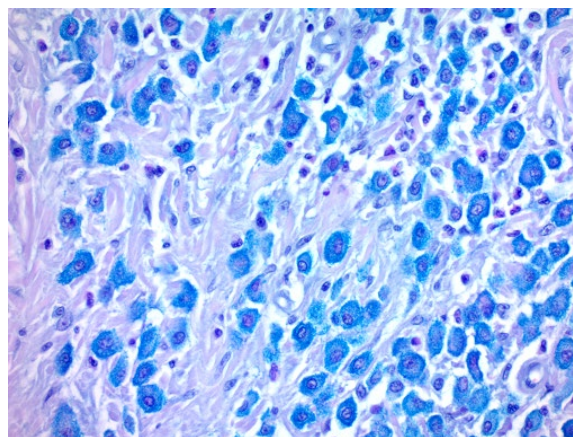
Store kit and all components at room temperature (18-25°C).

### 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. 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 distilled water.
8. Dehydrate quickly through 3 changes of absolute alcohol.
9. Clear, and mount in synthetic resin.




Dog mast cell tumor. Mast cell granules metachromatically stain bright blue.

### References

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9. Strobel, S., et al. Human intestinal mucosal mast cells: evaluation of fixation and staining techniques. *Journal of Clinical Pathology*, 1981; 34: pages 851-858.

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