



# 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

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## Toluidine Blue Solution (For Metachromasia)

**Description:** Toluidine Blue Solution is designed for metachromatic staining of acidic substances.

**Results:** Acidic carbohydrates are metachromatic (pink to red or purple). Nuclei and cytoplasm are blue. Connective tissue mucins, ground substances of cartilage, mast cell granules and many epithelial mucins are metachromatic.

**Availability:**

<u>Item #</u>	<u>Volume</u>
TQF500	500 ml
TQF999	1000 ml

**Procedure:**

1. Deparaffinize and re-hydrate tissue.
2. Apply Toluidine Blue (TQF) for 1-10 minutes.
3. Rinse thoroughly in distilled water.
4. Dehydrate quickly in 2 changes of absolute alcohol.
5. Clear, and mount in synthetic resin.

## Toluidine Blue Solution (Procedure for H. Pylori)

**Description:** The H. Pylori stain procedure is designed for demonstrating Helicobacter Pylori infected tissue. Reagents may be used on formalin fixed, paraffin-embedded tissue as well as frozen sections.

Helicobacter Pylori:	Blue
Mucin:	Yellow
Background:	Light 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:** Helicobacter Pylori infected stomach.

### Required but Not Included:

<u>Item #</u>	<u>Kit Contents</u>	<u>Volume</u>	<u>Storage</u>
PAQ500	Periodic Acid Solution	500 ml	2-8° Centigrade
SME125	Sodium Metabisulfite Solution	125 ml	Room Temperature
ANY125	Alcian Yellow Solution	125 ml	Room Temperature
SHC008	Sodium Hydroxide Solution (3%)	8 ml	Room Temperature

**Precautions:** Avoid contact with skin and eyes.  
May cause burns.  
Harmful if swallowed.  
Follow all Federal, State, and local regulations regarding disposal.  
Use in chemical fume hood whenever possible.

**Procedure (Standard):**

**Prepare Toluidine Blue Working Solution (Immediately prior to use):**

Distilled Water	50 ml
Toluidine Blue Solution	10 drops
Sodium Hydroxide Solution	3 drops

1. Deparaffinize sections if necessary and hydrate to distilled water.
2. Incubate slide in Periodic Acid Solution for 10 minutes (**Note: Do Not Reuse Periodic Acid Solution**).
3. Rinse thoroughly in distilled water.
4. Incubate slide in Sodium Metabisulfite Solution for 5 minutes.
5. Rinse thoroughly in distilled water.
6. Incubate slide in Alcian Yellow Solution for 5-10 minutes.
7. Rinse slide thoroughly in distilled water.
8. Incubate slide in freshly prepared Toluidine Blue Working Solution for 3-5 minutes (**Note: Do Not Reuse Toluidine Blue Working Solution**).
9. Rinse thoroughly in distilled water.
10. Dehydrate quickly in 2 changes of absolute alcohol.
11. Clear, and mount in synthetic resin.

**References:**

1. Leung, K., Gibbon, K.J. A Rapid Staining Method for Helicobacter Pylori in Gastric Biopsies, Journal of Histochemistry, Volume 19, Pages 131-132. 1996