



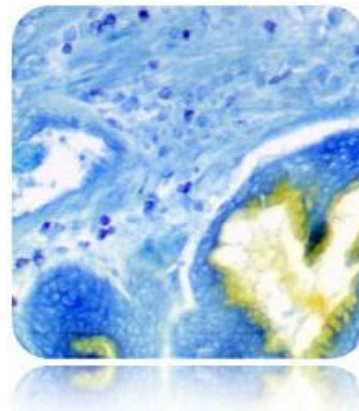
H. Pylori Rapid Stain Kit

Description: The H. Pylori Rapid Stain Kit is designed for demonstrating Helicobacter Pylori infected tissue. Kit may be used on formalin fixed, paraffin-embedded tissue as well as frozen sections.

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




Kit Contents:

<u>Kit Contents</u>	<u>Volume</u>	<u>Storage</u>
Periodic Acid Solution	500 ml	2-8°C
Sodium Metabisulfite Solution	125 ml	18-25°C
Alcian Yellow Solution	125 ml	18-25°C
Toluidine Blue Solution	6 ml x 2	18-25°C
Sodium Hydroxide Solution (3%)	8 ml	18-25°C

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

Procedure:

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.

Storage: 2° C  25° C

Mixed Storage Conditions.
Separate Contents.



SS1025-VO

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


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

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
2. Vartanian, R.K., Leung, J.K., Davis, J.E., Kim, Y.B., Owen, D.A. A novel Alcian yellow-toluidine blue (Leung) stain for Helicobacter species: comparison with standard stains, a cost-effectiveness analysis, and supplemental utilities. Modern Pathology, January 1998, Volume 11(1): pages 72-78.

Description:	Volume
Periodic Acid Solution	250 ml
	500 ml
	1000 ml
Sodium Metabisulfite Solution (5%)	125 ml
	500 ml
	1000 ml
Alcian Yellow Solution	125 ml
	500 ml
	1000 ml
Toluidine Blue Solution	125 ml
	500 ml
	1000 ml
Sodium Hydroxide Solution (3%)	125 ml
	500 ml
	1000 ml

Storage: 2° C  25° C

**Mixed Storage Conditions.
Separate Contents.**