

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.

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.


Availability/Contents:

<u>Kit Contents</u>	<u>Volume</u>	<u>Storage</u>
Periodic Acid Solution	500 ml	2-8°C
Sodium Metabisulfite Solution	125 ml	15-30°C
Alcian Yellow Solution	125 ml	15-30°C
Toluidine Blue Solution	6 ml x 2	15-30°C
Sodium Hydroxide Solution (3%)	8 ml	15-30°C

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

Storage: 2° C  30° C

**Mixed Storage Conditions.
Separate Contents.**



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Instructions For Use KT019-IFU


Rev. Date: Dec. 12, 2018

Revision: 7

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6616 Owens Drive, Pleasanton, CA 94588 U.S.A. - Tel. (925) 484-3350 - Fax (925) 484-3390 - www.dbiosys.com

Procedure (Standard):

Storage: 2° C  30° C

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

Distilled Water	50 ml
Toluidine Blue Solution	20 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.
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

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