

Usage procedure for:

H. Pylori Stain Kit, Alcian Yellow

Avantik Kit Item #: RS4559-125 | RS4559-250 | RS4559-500



19 Chapin Rd - Building C
Pine Brook, NJ 07058

t: **800.783.9424**
e: **info@avantik-us.com**

avantik-us.com

Solutions Provided in Stain Kit:

Periodic Acid, 1%
Alcian Yellow Stain
Sodium Metabisulfite, 5%
Toluidine Blue Stock Solution
Sodium Hydroxide, 3%

Working solution preparation (stable for one month):

Toluidine Blue Working Solution

Toluidine Blue Stock Solution:	0.5mL
Sodium Hydroxide, 3%:	2 drops
Distilled Water:	50mL

Conventional Procedure

1. Deparaffinize and hydrate sections through alcohol to distilled water.
2. Oxidize sections in **Periodic Acid, 1%** for 10 minutes. **NOTE:** Do not reuse this solution!
3. Wash sections well with water.
4. Place slides in **Sodium Metabisulfite, 5%** for 5 minutes.
5. Wash sections in running tap water for 2 minutes.
6. Stain in **Alcian Yellow Stain** for 5-10 minutes.
7. Wash sections well with water.
8. Stain in **Toluidine Blue Working Solution** for 3-5 minutes. **NOTE:** Do not reuse this solution!
9. Wash sections well with water.
10. Blot slides dry.
11. Dehydrate (QUICKLY), clear and mount with appropriate mounting medium.

Results:

H. Pylori Organisms:	Blue
Mucin:	Yellow
Background:	Light Blue

Kit Components and Related Control Slides:

Avantik Item Numbers:

Periodic Acid, 1%: RS4434-250 (250 mL) | RS4434-500 (500 mL) | RS4434- 1GL (Gallon)

Alcian Yellow Stain: RS4389-250 (250 mL) | RS4389-500 (500 mL)

Sodium Metabisulfite, 5%: RS4454-250 (250 mL) | RS4454-500 (500 mL)

Toluidine Blue Stock Solution: RS4459-250 (250 mL) | RS4459-500 (500 mL)

Sodium Hydroxide, 3%: RS4453-250 (250 mL) | RS4453-500 (500 mL)

Helicobacter Pylori Control Slides: SL6283-A (Pack/12) | SL6283-B (Pack/25) | SL6283-D (Pack/100)