

Instructions For Use

AFT-1-IFU

Rev. Date: June 4, 2011

Revision: 2

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P.O. Box 3286 - Logan, Utah 84323, U.S.A. - Tel. (800) 729-8350 - Tel. (435) 755-9848 - Fax (435) 755-0015 - www.scytek.com

Alcian Blue (pH 1.0) Stain Kit

Description: The Alcian Blue (pH 1.0) Stain Kit is intended for use in the histological visualization of strongly sulfated

mucosubstances.

Strongly Sulfated Mucosubstances: Blue Nuclei: Red Background: Pink

Uses/Limitations: Not to be taken internally.

For In-Vitro Diagnostic use only.

Histological applications.

Do not use past expiration date. Use caution when handling reagents.

Non-Sterile.

Control Tissue: Small Intestine

Appendix Colon

Availability/Contents:

Item #	Kit Contents	<u>Volume</u>	<u>Storage</u>
ANA250	Alcian Blue Solution (pH 1.0)	250 ml	18-25℃
AAG500	Acetic Acid Solution	500 ml	18-25℃
SOH250	Safranin O Solution	250 ml	18-25℃

Precautions: Avoid contact with skin and eyes.

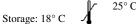
Harmful if swallowed.

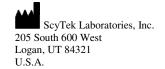
Follow all Federal, State, and local regulations regarding disposal.

Use in chemical fume hood whenever possible.

Procedure (Standard):

- 1. Deparaffinize sections if necessary and hydrate to distilled water.
- 2. Incubate slide in Acetic Acid Solution for 3 minutes.
- 3. Stain tissue section with Alcian Blue Solution (pH 1.0) solution for 30 minutes at room temperature or 15 minutes at 37°C.
- 4. If desired, rinse slide briefly in Acetic Acid solution to remove excess Alcian Blue.
- 5. Rinse for 2 minutes in running tap water followed by 2 changes of distilled water.
- 6. Stain tissue section with Safranin O Solution for 5 minutes.
- 7. Rinse for 2 minutes in running tap water followed by 2 changes of distilled water.
- 8. Dehydrate through graded alcohols.
- 9. Clear, and mount in synthetic resin.









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References:

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- 2. Sheenan, D.C., Hrapchak, B.B. Theory and Practice of Histotechnology, 2nd Edition. Battelle Press, Columbus, OH. Pages 172-173.
- 3. Churukian, C.J., 1989, Manual of Special Stains Laboratory, 4th Edition. University of Rochester, Rochester, New York. Pages 55-56.
- 4. Carson, F.L., 1996, Histotechnology; A Self-Instructional Text, 2nd Edition. ASCP Press, Chicago, IL. Pages 117-121.





