

Alcian Blue (pH 2.5) Stain Kit

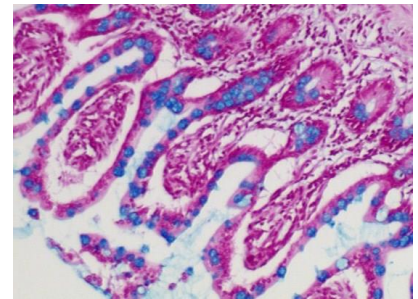
Description: The Alcian Blue (pH 2.5) Stain Kit is intended for use in the histological visualization of sulfated and carboxylated acid mucopolysaccharides and sulfated and carboxylated sialomucins (glycoproteins).

Uses/Limitations: For In-Vitro Diagnostic use only. Histological applications. Do not use past expiration date. Use caution when handling these reagents.

Control Tissue: Small Intestine
Appendix
Colon

Results:

Acidic Sulfated Mucosubstances:	Blue
Hyaluronic Acid:	Blue
Sialomucins:	Blue
Nuclei:	Red
Background:	Pink



Kit Contents:

<u>Item #</u>	<u>Kit Contents</u>	<u>Volume</u>	<u>Storage</u>
SSC-ANC250	Alcian Blue Solution (pH 2.5)	250 ml	18-25°C
SSC-NFS250	Nuclear Fast Red Solution	250 ml	18-25°C
SSC-AAG500	Acetic Acid Solution	500 ml	18-25°C

For information regarding ordering individual components, please contact us at: 800-442-3573.

Control Slides Available. Catalog: CS/ALCBL/25, Alcian Blue, 25/pack

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 2.5) 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 Nuclear Fast Red 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.



Instructions For Use **IFU-039** **SSK-ALCBL/PH2.5**

Rev. Date: Aug. 17, 2016 **Revision: 4** Page 2 of 3

References:

1. Lillie, R.D. 1977, H.J. Conn's Biological Stains, 9th Edition. Williams & Wilkins, Baltimore. Pages 452-455.
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.



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Lot-to-Lot Validation Form Alcian Blue (pH 2.5) Stain Kit Catalog: SSK-ALCBL/PH2.5

Kit Lot Number: _____
 Kit Expiration Date: _____
 Date Tested: _____
 Control Tissue (#) _____
 Approved for Use: Y/N _____
 Date put into use: _____

Kit Component	Lot #
Alcian Blue Solution (pH 2.5)	_____
Nuclear Fast Red Solution	_____
Acetic Acid Solution	_____

If not approved, corrective actions taken:	_____
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Approved by: _____

Replacement Component if used	Replacement Date	Lot #	Accepted Y/N	Comments
Alcian Blue Solution (pH 2.5)				
Nuclear Fast Red Solution				
Acetic Acid Solution				
Approved by: _____				

StatLab is providing this form to assist with reagent lot validation as stated in CLIA'88 Standard 493.1256-For reagent(s), the laboratory must do the following: Check each batch (prepared in-house), lot number (commercially prepared) and shipment of reagents, stains, and identification systems (systems using two or more substrates or two or more reagents, or a combination) when prepared or opened for positive and negative reactivity, if applicable.