

Alcian Blue - Tissue Control Slides

Description: Human.
Natural disease state (where applicable).
Paraffin embedded.

Availability: TCS0002-5 5 unstained slides.
TCS0002-25 25 unstained slides.

Storage: 2-25° C.

Suggested Stain Kit: AFR-1

Procedure: See below.

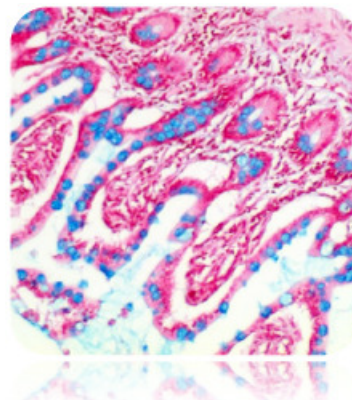
Alcian Blue (pH 2.5) Stain Kit

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).


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


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: Small Intestine
Appendix
Colon




Ordering information regarding individual components on back page!

Storage: 2° C  25° C

 ScyTek Laboratories, Inc.
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Logan, UT 84321
U.S.A.

 EmergoEurope (31)(0) 70 345-8570
Molsnstraat 15
2513 BH Hague, The Netherlands

Kit Contents:

<u>Item #</u>	<u>Product Name</u>	<u>Volume</u>	<u>Storage</u>
ANC250	Alcian Blue Solution (pH 2.5)	250 ml	18-25 °C
SOH250	Safranin O Solution	250 ml	18-25 °C
AAG500	Acetic Acid Solution	500 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 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 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.

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.
5. Leow, C.C., Romero, M.S., Ross, S., Polakis, P., and Gao, WQ. Hath1, Down-Regulated in Colon Adenocarcinomas, Inhibits Proliferation and Tumorigenesis of Colon Cancer Cells. Cancer Research 64, 6050-6057, September 1, 2004.

Bulk Reagent Ordering Information and Current Pricing at www.scytek.com

Description:	Catalog #	Volume
Alcian Blue Solution (pH 2.5)	ANC250	250 ml
	ANC500	500 ml
	ANC999	1000 ml
Safranin O Solution	SOH250	250 ml
	SOH500	500 ml
	SOH999	1000 ml
Acetic Acid Solution (3%)	AAG500	500 ml
	AAG999	1000 ml

 Storage: 2° C  25° C



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