



Instructions For Use AFR-1-IFU		
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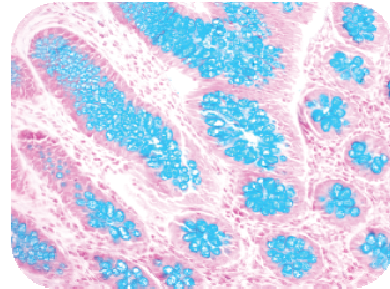
P.O. Box 3286 - Logan, Utah 84323, U.S.A. - Tel. (800) 729-8350 – Tel. (435) 755-9848 - Fax (435) 755-0015 - www.scytek.com

Alcian Blue (pH 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.
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!


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
NFS250	Nuclear Fast Red (Enhanced Stability)	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.

Storage: 18° C  25° C

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CE IVD

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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 Nuclear Fast Red Solution (Enhanced Stability) 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.
6. Kumar G, Hara H, Long C, Shaikh H, Ayares D, Cooper DK, Ezzelarab M. Adipose-derived mesenchymal stromal cells from genetically modified pigs: immunogenicity and immune modulatory properties. Cytotherapy. 2012 Apr 1;14(4):494-504.

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
Nuclear Fast Red (Enhanced Stability)	NFS250	250 ml
	NFS500	500 ml
	NFS999	1000 ml
Acetic Acid Solution (3%)	AAG500	500 ml
	AAG999	1000 ml

Storage: 18° C  25° C

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