



Instructions For Use ANC-IFU

Rev. Date: Jan. 3, 2018

Revision: 1

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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 Solution (pH 2.5)

Description:

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

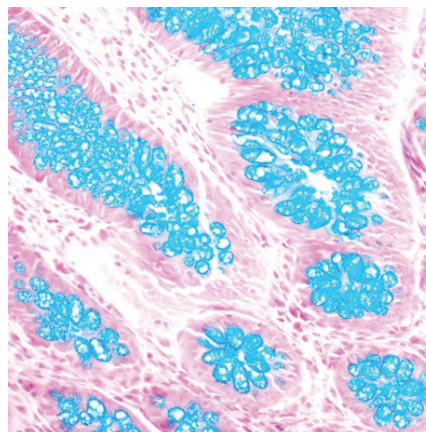
Acidic Sulfated Mucosubstances: Blue
Hyaluronic Acid: Blue
Sialomucins: Blue

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



Human GI tissue counterstained using Nuclear Fast Red.

Availability/Contents:

Item #	Product Name	Volume	Storage
ANC125	Alcian Blue Solution (pH 2.5)	125 ml	18-25°C
ANC250	Alcian Blue Solution (pH 2.5)	250 ml	18-25°C
ANC500	Alcian Blue Solution (pH 2.5)	500 ml	18-25°C
ANC999	Alcian Blue Solution (pH 2.5)	1000 ml	18-25°C
ANC3800	Alcian Blue Solution (pH 2.5)	1 Gallon	18-25°C

Suggested Additional Reagents Sold Separately:

Item #	Product Name	Volume	Storage
NFS500	Nuclear Fast Red (Enhanced Stability)	500 ml	18-25°C
AAG500	Acetic Acid Solution (3%)	500 ml	18-25°C

Ordering information regarding additional components on back page!

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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EC REP

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Procedure:

1. Deparaffinize sections if necessary and hydrate to distilled water.
2. Incubate slide in Acetic Acid Solution (3%) 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 (3%) 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:

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4. 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.
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6. Churukian, C.J., 1989, Manual of Special Stains Laboratory, 4th Edition. University of Rochester, Rochester, New York. Pages 55-56.
7. Sheenan, D.C., Hrapchak, B.B. Theory and Practice of Histotechnology, 2nd Edition. Battelle Press, Columbus, OH. Pages 172-173.
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Bulk Reagent Ordering Information and Current Pricing at www.scytek.com

Description:	Catalog #	Volume
Nuclear Fast Red (Enhanced Stability)	NFS125	125 ml
	NFS250	250 ml
	NFS500	500 ml
	NFS999	1000 ml
	NFS3800	1 Gallon
Acetic Acid Solution (3%)	AAG500	500 ml
	AAG999	1000 ml
	AAG3800	1 Gallon

Storage: 18° C



25° C



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