



Instructions For Use AFR-2-IFU

Rev. Date: Dec 8, 2015

Revision: 2

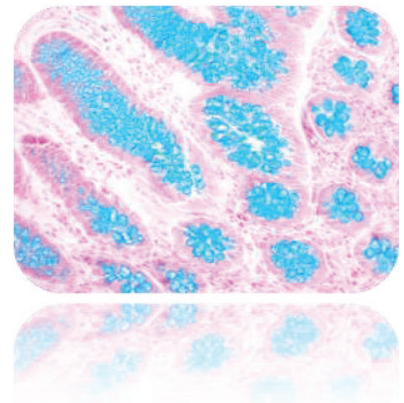
Page 1 of 2

P.O. Box 3286 - Logan, Utah 84323, U.S.A. - Tel. (800) 729-8350 - 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: *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*

Availability/Contents:

<u>Item #</u>	<u>Kit Contents</u>	<u>Storage Conditions</u>
ANC030	Alcian Blue, pH 2.5 (30 ml)	Room Temperature
NFS030	Nuclear Fast Red (Enhanced Stability) (30ml)	Room Temperature
AAG060	Acetic Acid Solution (60 ml)	Room Temperature

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.*

Storage: 18° C  25° C

 ScyTek Laboratories, Inc.
205 South 600 West
Logan, UT 84321
U.S.A.



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

Instructions For Use
AFR-2-IFU

Rev. Date: Dec 8, 2015

Revision: 2



Page 2 of 2

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

1. *Deparaffinize sections if necessary and hydrate to distilled water.*
2. *Incubate slide in Acetic Acid solution for 3 minutes.*
3. *Incubate slide in Alcian Blue (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 slide in Nuclear Fast Red (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.*

Storage: 18° C  25° C ScyTek Laboratories, Inc.
205 South 600 West
Logan, UT 84321
U.S.A.  EmergoEurope (31)(0) 70 345-8570
Molenstraat 15
2513 BH Hague, The Netherlands