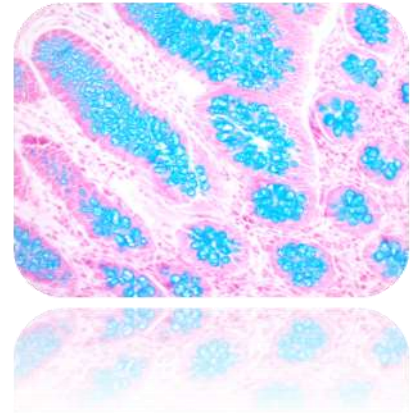


## *Alcian Blue (pH 2.5) Stain Kit*

**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).*

<i>Acidic Sulfated Mucosubstances:</i>	<i>Blue</i>
<i>Hyaluronic Acid:</i>	<i>Blue</i>
<i>Sialomucins:</i>	<i>Blue</i>
<i>Nuclei:</i>	<i>Red</i>
<i>Background:</i>	<i>Pink</i>




**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.  
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Instructions For Use  
**AFR-2-IFU**

Rev. Date: Dec 8, 2015

Revision: 2




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P.O. Box 3286 - Logan, Utah 84323, U.S.A. - Tel. (800) 729-8350 - Fax (435) 755-0015 - [www.scytek.com](http://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, 9<sup>th</sup> Edition. Williams & Wilkins, Baltimore. Pages 452-455.*
2. *Sheenan, D.C., Hrapchak, B.B. Theory and Practice of Histotechnology, 2<sup>nd</sup> Edition. Battelle Press, Columbus, OH. Pages 172-173.*
3. *Churukian, C.J., 1989, Manual of Special Stains Laboratory, 4<sup>th</sup> Edition. University of Rochester, Rochester, New York. Pages 55-56.*
4. *Carson, F.L., 1996, Histotechnology; A Self-Instructional Text, 2<sup>nd</sup> Edition. ASCP Press, Chicago, IL. Pages 117-121.*

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