



Instructions For Use AFT-2-IFU

Rev. Date: Dec. 8, 2015

Revision: 3

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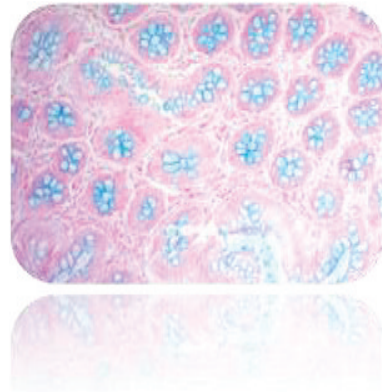
Alcian Blue (pH 1.0) Stain Kit

Description: The Alcian Blue (pH 1.0) Stain Kit is intended for use in the histological visualization of strongly sulfated mucosubstances.

Strongly Sulfated Mucosubstances: Blue
Nuclei: Red
Background: Pink

Uses/Limitations: Not to be taken internally.
For In-Vitro Diagnostic use only.
Histological applications.
Do not use past expiration date.
Use caution when handling reagents.
Non-Sterile.

Control Tissue: Small Intestine
Appendix
Colon



Availability/Contents:

Item #	Kit Contents	Volume	Storage
ANA030	Alcian Blue Solution (pH 1.0)	30 ml	18-25°C
AAG030	Acetic Acid Solution	30 ml x 2	18-25°C
NFS030	Nuclear Fast Red (Enhanced Stability)	30 ml	18-25°C

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.

Procedure (Standard):

1. Deparaffinize sections if necessary and hydrate to distilled water.
2. Incubate slide in 5-10 drops of Acetic Acid Solution for 3 minutes.
3. Stain tissue section with 5-10 drops of Alcian Blue Solution (pH 1.0) solution for 30 minutes at room temperature or 15 minutes at 37° C.
4. If desired, rinse slide briefly in 5-10 drops of 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 5-10 drops of Nuclear Fast Red (Enhanced 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.

Storage: 18° C 25° C

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2. Pennock, C.A., Burns, J., Massarella, G. 1968, Histochemical investigation of acid mucosubstances in secondary amyloidosis.
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4. Sheenan, D.C., Hrapchak, B.B. Theory and Practice of Histotechnology, 2nd Edition. Battelle Press, Columbus, OH. Pages 172-173.
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Storage: 18° C



25° C



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