



Instructions For Use

ANC-IFU

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Alcian Blue Solution (pH 2.5)

Description and Principle

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).

Expected Results

Acidic Sulfated Mucosubstances:	Blue
Hyaluronic Acid:	Blue
Sialomucins:	Blue
Nuclei:	Red
Background:	Pink

Kit Contents (Cat# AFR-1)

Additional Kit Reagents Sold Separately

	Storage
1. Alcian Blue Solution (pH 2.5)	18-25°C
2. Nuclear Fast Red (Enhanced Stability)	18-25°C
3. Acetic Acid Solution (3%)	18-25°C

Suggested Controls (not provided)

Small Intestine, Appendix, Colon

Uses/Limitations

Not to be taken internally.
For In-Vitro Diagnostic use only.
Histological applications.
Do not use if reagent become cloudy.
Do not use past expiration date.
Use caution when handling reagent.
Non-Sterile.

Storage

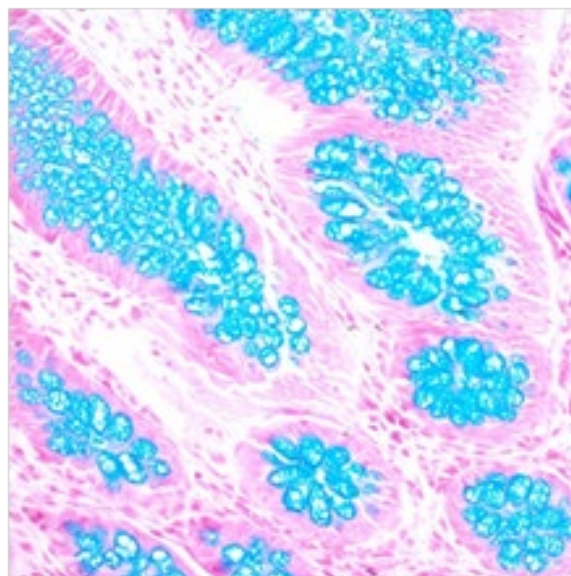
Store at room temperature (18-25°C).

Safety and Precautions

Please see current Safety Data Sheets (SDS) for this product and components GHS classification, pictograms, and full hazard/precautionary statements.

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.



Human GI tissue counterstained using Nuclear Fast Red.

9. Clear, and mount in synthetic resin.

References

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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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