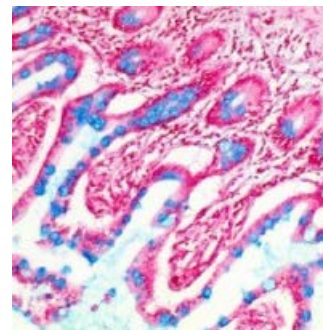


Alcian Blue (pH 2.5) Stain Kit

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

Not to be taken internally.
 For In-Vitro Diagnostic use only. 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

Contents

Catalog	Product	Volume	Storage
HANC250	Alcian Blue Solution (pH 2.5)	250 ml	18-25°C
HSOH250	Safranin O Solution	250 ml	18-25°C
HAAG500	Acetic Acid Solution	500 ml	18-25°C

Precautions

Avoid contact with skin and eyes.
 Harmful if swallowed.
 Follow all Federal, State, and local regulations regarding disposal.

Procedure

1. Deparaffinize sections if necessary and hydrate to distilled water.
2. Incubate slide in Acetic Acid solution 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 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 Safranin O 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.

References

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3. Churukian, C.J., 1989, Manual of Special Stains Laboratory, 4th Edition. University of Rochester, Rochester, New York. Pages 55-56.
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5. 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.