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Alcian Blue (pH 2.5) Stain Kit

CLSG80147

Lot:

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 research 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>Kit Contents</u>	<u>Volume</u>	<u>Storage</u>
Alcian Blue, pH 2.5	250 ml	15-30°C
Safranin O Solution	250 ml	15-30°C
Acetic Acid Solution	500 ml	15-30°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 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 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.

Continued...

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Laboratory Reagent For Research Use Only

JV 01/04/13