



# SZABO SCANDIC

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## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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# Alcian Blue (pH 2.5) Stain Kit

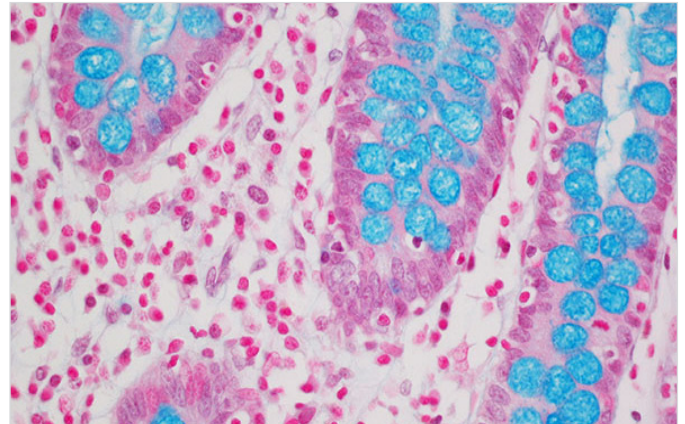
**Cat. No.** H-3501

**Storage** 15–25 °C

**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

Control Tissue: Small Intestine, Appendix, Colon



Colon tissue section stained with Alcian Blue (pH 2.5) Stain Kit.

## Components

Product Name	Volume
Alcian Blue Solution (pH 2.5)	30 ml
Nuclear Fast Red (Enhanced)	30 ml
Acetic Acid Solution (3%)	60 ml (30 ml x 2)

## Procedure

1. Deparaffinize sections, if required, and hydrate to distilled water.
2. Apply Acetic Acid Solution onto tissue section for 3 minutes.
3. Tip off excess and apply Alcian Blue Solution for 30 minutes at room temperature or 15 minutes at 37 °C.
4. Rinse slide briefly (10–30 seconds) 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 (1–2 minutes each).
6. Apply Nuclear Fast Red Solution for 5 minutes.
7. Rinse for 2 minutes in running tap water followed by 2 changes of distilled water (1–2 minutes each).
8. Dehydrate through graded ethanols.
9. Clear and coverslip.

## Notes

- a) Intensity should be optimized for each tissue type, fixative used, and presentation (frozen or paraffin-embedded)
- b) Use standard laboratory precautions to avoid contact with skin and eyes.
- c) Harmful if swallowed. Do not take internally.
- d) These reagents are for research use only.
- e) Follow all Federal, State and Local regulations for disposal.

## Related Reagents

Product Name	Unit Size	Cat. No.
Vector® Hematoxylin	500 ml	H-3401
Vector Hematoxylin QS	100 ml	H-3404
Vector Methyl Green	500 ml	H-3402
Vector Nuclear Fast Red	500 ml	H-3403
Hematoxylin & Eosin Stain Kit	1 Kit	H-3502