Product name: Alcian Blue Stain Kit (pH 2.5, Mucin Stain)

Overview

Overview:

This Kit originally used Safranin O Solution but this has now been replaced with Nuclear Fast Red Solution.

Alcian Blue staining protocol summary:
- deparaffinize sections if necessary and hydrate
- incubate in acetic acid for 3 min
- incubate in Alcian Blue pH 2.5 for 30 min
- rinse in water
- stain in nuclear fast red for 5 min
- rinse in water
- dehydrate, clear and mount

Other products for staining tissue sections

Find more kits and reagents in the special stains guide, or products for antigen retrieval, blocking, signal amplification, visualization, counterstaining, and mounting in the IHC kits and reagents guide.

Notes

Staining Interpretation

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

Control Tissue: Small Intestine, Appendix, Colon

Previously called Alcian Blue pH 2.5 Stain Kit (Mucin Stain)
Storage instructions

Store at room temperature. Please refer to protocols.

<table>
<thead>
<tr>
<th>Components</th>
<th>100 tests</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetic Acid Solution (3%)</td>
<td>1 x 500ml</td>
</tr>
<tr>
<td>Alcian Blue pH 2.5</td>
<td>1 x 250ml</td>
</tr>
<tr>
<td>Nuclear Fast Red Solution</td>
<td>1 x 250ml</td>
</tr>
</tbody>
</table>

Images

ab150662 Alcian Blue pH 2.5 Stain Kit (Mucin Stain) staining formalin-fixed-paraffin embedded human GI tract.

ab150662 (Alcian Blue pH 2.5 stain) staining acidic sulphated mucins (blue) in formalin fixed paraffin embedded normal human colon, counterstained with safranin o (pink).

*Tissue obtained from the Human Research Tissue Bank, supported by the NIHR Cambridge Biomedical Research Centre
Staining of Colon using ab150662 - Alcian Blue pH 2.5 Stain Kit (Mucin Stain).

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit https://www.abcam.com/abpromise or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors