

# Instructions for Use

## Alcian Blue-PAS Control Slides

CATALOG NUMBER	DESCRIPTION	UNIT OF MEASUREMENT
CS-039-PS-25	Alcian Blue-PAS Control Slides, Adhesion, 1 stained/24 unstained	1 set
CS039-PS-100	Alcian Blue-PAS Control Slides, Adhesion, 1 stained/99 unstained	1 set

### INTENDED USE

Qualitative control for acid mucin, neutral mucin, and glycogen.

Please contact [productsupport@statlab.com](mailto:productsupport@statlab.com) with any additional questions.

### TISSUE

Known Positive Tissue

### FIXATION

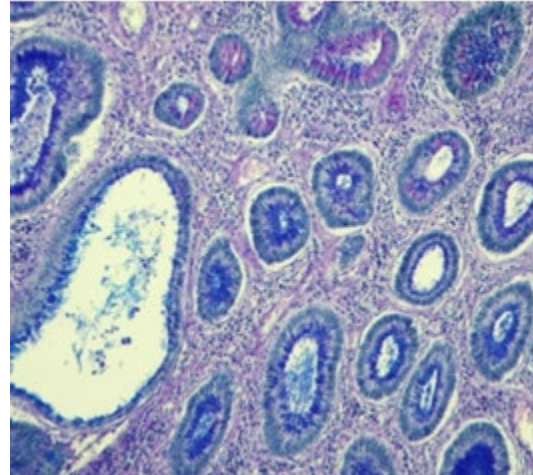
10% Buffered Formalin

### TECHNICAL INFORMATION

Paraffin sections cut at 5 microns

### USE WITH MASTERTECH ALCIAN BLUE-PAS STAIN KIT

Kit Size	Part Number
100 mL	KTAPA
Pint	KTAPAPT
Liter	KTAPALT



### ALCIAN BLUE-PAS METHOD FOR MUCOSUBSTANCES STAIN PROCEDURE

1. Deparaffinize and hydrate to distilled water.
2. Immerse in Alcian Blue Stain pH 2.5 for 30 minutes.
3. Rinse in running DI water for 1 minute.
4. Immerse in 0.5% Periodic Acid for 5 minutes.
5. Rinse in running DI water for 1 minute.
6. Immerse in Optimized Schiff's Solution for 15 minutes.
7. Rinse in running tap water for 5 minutes.
8. Immerse in Modified Mayer's Hematoxylin for 1-5 minutes.
9. Rinse in running tap water for 1 minute.
10. Dehydrate in 3 changes of Absolute Alcohol, 1 minute each change.
11. Clear in 3 changes of Xylene, 1 minute each change.
12. Coverslip with Acrymount Plus or any other acceptable mounting medium.

### RESULTS

Neutral mucin – Pink to red

Glycogen – Pink to red

Acid mucin - Blue

Nuclei - Blue

This protocol is a recommendation only. Modifications may be necessary.