

# ALCIAN BLUE pH 1.0 STAIN KIT PROCEDURE

Item# KT 002

(Revised July 24, 2008)

<b>KIT COMPONENTS INCLUDED:</b>
---

125ml. ALCIAN BLUE STAIN pH 1.0  
125ml. NUCLEAR FAST RED STAIN  
500 ml 3% ACETIC ACID

PRINCIPLE: This kit demonstrates strongly sulfated mucosubstances.

SPECIMEN: Any well fixed paraffin embedded tissue cut at 5 microns.

PROCEDURE:

1. Deparaffinize slide using Xylene or a Xylene Substitute and hydrate through graded alcohols to Tap water.
2. Rinse slide in running Tap water.
3. Rinse slide in Distilled water.
4. Place slide in **3% Acetic Acid** for 3 minutes.
5. Without rinsing, place slide in **Alcian Blue Stain** for 30 minutes.
6. Rinse slide in running Tap water for 1 minute.
7. Place slide in **Nuclear Fast Red Stain** for 5 minutes.
8. Rinse slide in running Tap water for 1 minute.
9. Dehydrate slide through 3 changes of Absolute Alcohol.
10. Clear slide through 3 changes of Xylene or Xylene Substitute.
11. Coverslip using a permanent mounting media.
- 12.

RESULTS:

Strongly sulfated mucosubstances: **BLUE**  
Nuclei: **PINK TO RED**  
Cytoplasm and Background: **PALE PINK**

**REFERENCE:** Sheehan DC Hrapchak BB: Theory and Practice of Histotechnology; 1980; 172 - 173.

IVD
-----

**For In-Vitro Diagnostic Use.**

DBS will not be held responsible for patent infringement or other violation that may occur with the use of our product.

**DBS** 1020 Serpentine Lane, # 114, Pleasanton, CA 94566 Tel: 925 484 3350, Fax: 925 484 3390