



Alcian Blue Stain Kit, pH 2.5

Solutions Provided:

#SSC1033-250 - **Acetic Acid, 3%**

#SSC1040-250 - **Alcian Blue, pH 2.5**

#SSC1099-250 - **Nuclear Fast Red**

Conventional Procedure

1. Deparaffinize and hydrate sections through alcohol to distilled water.
2. Place slides in **Acetic Acid, 3%** for **3 minutes**.
3. Place slides directly into Alcian Blue, pH 2.5 for 30 minutes at room temperature.
 - Alternatively, slides may be placed in **Alcian Blue, pH 2.5** for **15 minutes** in a **37°C** water bath.
4. Briefly rinse in slides in **Acetic Acid, 3%** to remove any excess Alcian Blue from the sections.
5. Wash slides in running tap water for 10 minutes.
6. Rinse slides in distilled water.
7. Counterstain slides in **Nuclear Fast Red** for **5 minutes**.
8. Wash slides in running tap water for 1-2 minutes.
9. Dehydrate slides in 2 changes each of 95% alcohol and 100% alcohol.
10. Clear in 2-3 changes of xylene and mount with appropriate mounting medium.

Results:

Acid mucins, carboxylated
& Sulfated mucosubstances: Blue

Nuclei: Pink to Red

Background & Cytoplasm: Pink

