



Alcian Blue/PAS Stain Kit

Solutions Provided:

- #SSC1033-250 - **Acetic Acid, 3%**
- #SSC1040-250 - **Alcian Blue, pH 2.5**
- #SSC1102-250 - **Periodic Acid, 0.5%**
- #SSC1117-250 - **Schiff Reagent**
- #SSC1059-250 - **PureView™ Mayers Hematoxylin**

Conventional Procedure

1. Deparaffinize and hydrate sections through alcohol to distilled water.
2. Place slides in **Acetic Acid, 3%** for **1 minute**.
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. Wash slides in running tap water for several minutes.
5. Rinse slides in distilled water.
6. Place slides in **Periodic Acid, 0.5%** for **10 minutes**.
7. Wash slides in running tap water for several minutes.
8. Rinse slides in distilled water.
9. Place slides in **Schiff Reagent** for **10 minutes**.
10. Wash slides in running tap water for 5-10 minutes.
11. If desired, stain sections in **PureView™ Mayers Hematoxylin** for **1-5 minutes** (depending on the desired level of intensity).
12. Wash slides in running tap water for several minutes.
13. Dehydrate slides in 2 changes each of 95% alcohol and 100% alcohol.
14. Clear in 2-3 changes of xylene and mount with appropriate mounting medium.

Results:

Neutral Mucins and Glycogen:	Pink to Red
Acid Mucins:	Blue
Nuclei:	Blue (if Hematoxylin is used)

