

E-325 ALCIAN BLUE METHOD (pH 0.4)

Fixation: **10% Buffered Neutral Formalin**, (F-113)

Sections: Paraffin @ 6 microns

PROCEDURE:

1. Deparaffinize and hydrate to distilled water.
2. **Phosphate-Hydrochloric Solution** (E-325-3), for 3 minutes.
3. **Alcian Blue Solution** (E-325-1) for 30 minutes. Wash in running water for 10 minutes. Rinse in distilled water.
4. Counterstain in **Nuclear Fast Red** (E-325-2), for 5 minutes. Wash in running water for 1 minute.
5. Dehydrate in 95% alcohol, absolute alcohol, and clear in **Xylene** (C-120) two changes each.
6. Mount with **Permount** (M-18).

Stain Results:

Strongly acidic sulfated muco-substances	Blue
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References:

AFIP Manual of Histological Staining Methods, 3rd ed., Ed. L. Luna: New York: McGraw Hill Publications, c. 1968, p. 164.

Reviewed and Approved
September 28 2023 • Supersedes All Other Dates