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H-519, MENSCHIK'S METHOD FOR PHOSPHOLIPIDS

Fixation: Formaldehyde Calcium Solution (F-115)

Sections: Frozen Sections

Staining:

1. Cut frozen sections and collect in distilled water.
2. **Nile Blue Sulphate Solution** (H-519-1) at 60°C for 90 minutes.
3. Rinse in distilled water.
4. Preheat **Acetone** (H-519-4) to 50°C, then remove from heat and immediately place sections in this solution for 30 minutes.
5. Differentiate in **Glacial Acetic Acid Solution, 5%** (H-519-2) for 30 minutes.
6. Rinse in distilled water.
7. Differentiate in **Hydrochloric Acid, 0.5%** (H-519-3) for 3 minutes.
8. Rinse in distilled water.
9. Mount with **Glycerin Jelly** (M-12).

Staining Results:

Phospholipids	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. 152.

Menschik, Z., Stain Techn., 28:13-18, 1953.