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## **E-321    MAYER'S MUCIHEMATEIN, MODIFIED**

**FIXATION:** Absolute Alcohol 4-8 hours.

**SECTIONS:** Paraffin or Celloidin

**STAINING:**

1. Deparaffinize sections and bring to distilled water.
2. Place on staining rack and rinse several times with distilled water.
3. Place 2 ml of **Mayer's Mucihematein, Modified**, (E-321-1) on each slide. Allow to remain for five minutes. Drain off stain and wash well with distilled water three times for five minutes each.
4. Dehydrate in two changes of 95% alcohol, two changes of absolute alcohol, **Absolute Alcohol, Xylene-(50:50)**, (C-122), and two changes of **Xylene** (C-120).
5. Mount in **Permount** (M-18).

**Stain Results:**

Mucin	Deep Violet
Cell Nuclei	Pale Gray- Blue
Connective Tissue	Pale gray to colorless

**References:**

Laskey, Alice: Stain Techn., 25:33 (1950).

Clark G.: Staining Procedures , Williams & Wilkins Company, Baltimore, 3<sup>rd</sup> Ed., c. 1973, p. 47.