

## **E-302 LIEB'S CRYSTAL VIOLET METHOD**

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

**SECTIONS:** Paraffin @ 6 microns  
Sections of suspected amyloidosis @ 12 microns if a brighter color is desired.

**STAINING:** Use Control slide.

1. Deparaffinize and hydrate to distilled water.
2. Stain in **Crystal Violet Working**, (E-302-1A) for 5-16 hours.
3. Prepare working stain by mixing:

10.0 ml **Crystal Violet Stock**, (E-302-1)  
300 ml Distilled Water  
1.0 ml Hydrochloric Acid (conc. )

4. Wash well in running water for 15 minutes.
5. Mount with Apathy's Gum Syrup.

**Stain Results:**

Amyloid	Purplish Violet
Other tissue elements	Blue

**References:**

Lieb, E.: Amer. J. Clin. Path., 17:413 (1947).  
AFIP Manual of Histological Staining Methods, 3<sup>rd</sup> ed., Ed.L. Luna: New York: MCGraw Hill Publications, c. 1968, p. 154.