

## **E-301      CRYSTAL VIOLET STAIN FOR AMYLOID**

**FIXATION:** Absolute alcohol or 10% Formalin

**SECTIONS:** Paraffin

**STAINING:**

1. Stain sections of fixed or unfixed tissue in **Crystal Violet Solution** (E-301-1) for three to five minutes.
2. Wash in **Acetic Acid, 10%** (E-301-2), followed by a thorough washing in water to remove all traces of acid.
3. Examine in water or glycerine. The stain will keep for some time if sections are mounted in a saturated solution of potassium acetate or in levulose.
4. Mount in Modified Apathy's Gum Syrup or Lieb's Abopon.

**Stain Results:**

Amyloid	Violet-Red
Tissue	Blue

**References:**

Clark, G.: Staining Procedures, Williams and Wilkins Co., Baltimore 3<sup>rd</sup>. ed., c. 1973,p.48

Conn, H.J., Biological Stains 4<sup>th</sup> ed. Biotech Publications, Geneva New York, 1940