

## Herxheimer Technique for Fat

**Catalog #: 26500-Series**

**Fixation:**

Formalin.

**Sections:**

Frozen

**Staining Procedures:**

1. Immerse in 70% Alcohol for an instant.
2. Stain for 2 – 5 minutes in Sudan IV Staining Solution (#26500-01).
3. Wash quickly in 70% Alcohol. Rinse in distilled water.
4. Counterstain in Harris Hematoxylin (#26500-02). Follow with 2 – 5 minutes in Acetic Acid, 1% (#26500-04) for clearer blue staining of nuclei.
5. Wash thoroughly in tap water.
6. Mount (Glycerin or Glycerin Jelly (#17998-10))

**Stain Results:**

Nuclei	Blue
Fat	Orange-Red
Cholesterol	Red

**References:**

- Clark, G, ed.: Staining Procedures, 3rd ed.: Baltimore: Williams & Wilkins Co., 1973, p. 143  
Conn's, H.J.: Biological Stains; 8th Ed., Baltimore: Williams and Wilks Co., c. 1969, p. 100