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H-500, HERXHEIMER TECHNIQUE FOR FAT

<u>Fixation</u>: Formalin

Sections: Frozen

Staining:

- 1. Immerse in 70% Alcohol (H-500-3) for an instant.
- 2. Stain for 2-5 min. in **Sudan IV Staining Solution** (H-500-1).
- 3. Wash quickly in **70% Alcohol** (H-500-3). Rinse in distilled water.
- 4. Counterstain in <u>Harris Hematoxylin</u> (H-500-2). Follow with 2-5 min. in <u>Acetic Acid, 1%</u> (H-500-4) for clearer blue staining of nuclei.
- 5. Wash thoroughly in tapwater.
 - 6. Mount (glycerin or **Glycerin Jelly** (M-12).

Stain Results:

Blue Nuclei Orange-Red Fat

Red Cholesterol

References:

Clark, G., Ed.: Staining Procedures; 3rd. Ed.; Baltimore: Williams and Wilkins Co., c. 1973, p. 143

Conn's, H.J.: Biological Stains; 8th Ed., Baltimore: Williams and Wilks Co., c. 1969, p. 100.

PC: dm/577

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