

H-500, HERXHEIMER TECHNIQUE FOR FAT

Fixation: 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 **Harris Hematoxylin** (H-500-2). Follow with 2-5 min. in **Acetic Acid, 1%** (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.