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:**

<table>
<thead>
<tr>
<th>Blue</th>
<th>Nuclei</th>
</tr>
</thead>
<tbody>
<tr>
<td>Orange-Red</td>
<td>Fat</td>
</tr>
<tr>
<td>Red</td>
<td>Cholesterol</td>
</tr>
</tbody>
</table>

**References:**


PC: dm/577

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