B-173 3-AMINO-9-ETHYL CARBAZOLE METHOD FOR LEUKOCYTE PEROXIDASE

Fixation: FORMALIN-ACETONE FIXATIVE, (B-173-1)

PROCEDURE:

1. Fix thin blood films in Formalin Acetone Fixative, (B-173-1) for 15 seconds.
2. Rinse gently in distilled water.
3. Stain in 3-Amino-9-Ethylcarbazole (B-173-2) staining solution for 2 ½ minutes.
4. Wash in running tap water.
5. Stain in Mayer’s Hematoxylin (B-173-3) for 8 minutes.
6. Wash in tap water, air dry, and mount in Glycerin Jelly (M-12).

Stain Results:

<table>
<thead>
<tr>
<th>Sites of peroxidase activity</th>
<th>Red-Brown granules</th>
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<tbody>
<tr>
<td>Nuclei</td>
<td>Blue</td>
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References: