J-601, GOMORI'S METHOD FOR IRON

Fixation:  FORMALIN, 10% BUFFERED NEUTRAL (F-113) OR ALCOHOL, 100%

Sections:  Paraffin, 6 microns

Staining:

1. Deparaffinize and hydrate to distilled water.
2. Stain in the Hydrochloric Acid - Potassium Ferrocyanide Solution (Prepare 1:1 just prior to use with Hydrochloric Acid, 20% (J-601-1) and Potassium Ferrocyanide, 10% (J-601-2), 30 minutes. Rinse completely in distilled water.
4. Rinse in distilled water then dehydrate in 95% alcohol and 100% alcohol, two changes each. Clear in two changes Xylene.
5. Mount.

Stain Results:

<table>
<thead>
<tr>
<th>Bright Blue</th>
<th>Iron containing pigments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Red</td>
<td>Nuclei</td>
</tr>
<tr>
<td>Light pink</td>
<td>cytoplasm</td>
</tr>
</tbody>
</table>

References:

Gomori, G. American Journal of Pathology, 21:655 (1936)
