

## **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.
3. Counterstain in **Nuclear Fast Red Solution** (J-601-3).
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:**

Bright Blue	Iron containing pigments
Red	Nuclei
Light pink	cytoplasm

**References:**

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

-----AFIP Manual of Histologic Staining Methods: ed. G. Luna 3<sup>rd</sup> ed. New York: McGraw-Hill Publications, c. 1968 p. 179.

