

J-613 PRUSSIAN BLUE METHOD FOR HEMOSIDERIN

FIXATION: 10% Buffered Neutral Formalin (F-113)

SECTION: Paraffin

STAINING PROCEDURE:

1. Deparaffinize and hydrate to distilled water.
2. Place sections in working staining solution for 30 minutes at 60°C or for 1 hour at room temperature. Rinse in distilled water.
Prepare working stain by mixing equal volumes of **Potassium Ferrocyanide, 2%, Aqueous,** (J-613-1) and **Hydrochloric Acid, 2%,** (J-613-2). Prepare fresh just before use.
3. Counterstain in **Safranin O, 0.2%,** (J-613-3) for 2 minutes. Wash in **Acetic Acid, 1%,** (J-613-4).
4. Dehydrate in 95% Alcohol, Absolute Alcohol, clear in Xylene and mount in synthetic resin.

RESULTS:

Hemosiderin.....blue or green
Nuclei.....red
Background.....pink

REFERENCES:

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Clark, G., (ed.), Staining Procedures, 3rd edition, Williams & Wilkins, Baltimore, p. 157 c. 1973