

Technical Data Sheet

Technovit H7100 / H8100 Prussian Blue Stain

#14653 - 14654

Prussian Blue Stain For Glycol Methacrylate Sections

Procedure

1. Stain in Potassium Ferricyanide solution at 60°C for 15 minutes. Filter solution after heating and before use.
2. Wash in distilled water.
3. Stain in Safranin O for two to five minutes.
4. Wash in 1% acetic acid.
5. Dehydrate in 96% alcohol two times then 100% alcohol.
6. Clear in xylene and mount.

Results

Nuclei	red
Hemosiderin	blue / green

Solutions

Potassium Ferricyanide Solution:

- Potassium Ferricyanide - 1 gm
- Distilled water - 50 ml
- 2% Hydrochloric acid - 50ml

Safranin O:

- Safranin O (C.I. #50240) - 0.2gm
- 1% acetic Acid - 100ml

Citation

Gerrits, P.O. and Smid, L., "Staining Procedures for Tissues Embedded in 2-Hydroxyethyl Methacrylate", Heraeus Kulzer