

Picrosirius Red Staining Of Cardiac Muscle Following Phosphomolybdic Acid Treatment

Catalog #26357

This method eliminates cytoplasmic staining, revealing thin septa and collagen fibers clearly.

Fixation

Bouins' Fixative

Sections

Paraffin @ 7 microns.

Staining

1. Deparaffinize and hydrate to distilled water.
2. Wash in running tap water, 10 minutes.
3. Rinse in distilled water.
4. Treat in Phosphomolybdic Acid 0.2% Aqueous (1-5 minutes)
5. Stain in Sirius Red, 0.1% in Sat'd Picric Acid , for 90 minutes.
6. Wash for 2 minutes in 0.01 N Hydrochloric Acid .
7. Rinse in 70% Alcohol for 45 seconds.
8. Dehydrate, clear and mount in Permount

Results

Septa

Red

References

Dolber, Paul C. and Madison S. Spach. *Picrosirius Red Staining of Cardiac Muscle Following Phosphomolybdic Acid Treatment* , Stain Technology , Vol.62 No.1 (1987) 23-26.