F-357 PICROSIRIUS RED STAINING OF CARDIAC MUSCLE FOLLOWING PHOSPHOMOLYBDIC ACID TREATMENT

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

Fixation: Bouins’ Fixative (F-40)

Sections: Parrafin @ 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 (F-357-1) (1-5 minutes)
5. Stain in Sirius Red, 0.1% in Sat’d Picric Acid (F-357-2), for 90 minutes.
6. Wash for 2 minutes in 0.01 N Hydrochloric Acid (F-357-3).
7. Rinse in 70% Alcohol for 45 seconds.
8. Dehydrate, clear and mount in Permount (M-18).

Results:

<table>
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<tr>
<th>Septa</th>
<th>Red</th>
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References: