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:**

| Septa | Red |

**References:**