

F-350- VAN GIESON'S METHOD FOR COLLAGEN FIBERS

FIXATION: Any

SECTIONS: Paraffin @ 6 microns or Celloidin

STAINING:

1. Deparaffinize and hydrate to distilled water.
2. ***Weigert's Working Solution** for 10 minutes.

***Weigert's Working Solution is prepared by mixing equal parts of**

Weigert's Iron Hematoxylin A (F-350-4) and
Weigert's Iron Hematoxylin B (F-350-5)

3. Wash in distilled water.
4. Stain 1-3 minutes in **Van Gieson's Solution** (F-350-3).
5. Dehydrate in 95% alcohol, absolute alcohol, two changes each.
6. Clear in 2 changes **Xylene** (C-120).
7. Mount with **Permount** (M-18).

STAINING RESULTS:

Collagen	Red
Smooth and striated muscle	Yellowish to Brownish
Cornified epithelium	Yellow
Hyalin	Yellow
Nuclei	Blue to Black

REFERENCES:

- Clark, G., (ed.) Staining Procedures, 3rd Ed., Williams & Wilkins Co., Baltimore, c. 1973, p. 50.
- Luna, L. (ed.) AFIP Manual of Histological Staining Methods, 3rd Ed., New York: McGraw Hill Publications, c. 1968, p. 76.
- Van Gieson, I., New York Med. J. , 50:57-60, 1889.
- Mallory, F.B., Pathological Technique, W.B. Saunders Co., Philadelphia 1938.
- Mallory, F.B., Pathological Technique, Hafner Publishing., New York 1961, p. 152.