

## **B-168      HALL'S METHOD FOR BILIRUBIN**

**FIXATION:**      **10% Buffered Neutral Formalin** (F-113)

**SECTIONS:** Cut paraffin @ 6 microns.

**STAINING:**

1. Deparaffinize and hydrate to distilled water
2. **Fouchet's Reagent** (B-168-1), for five minutes. Wash in running water, then in distilled water.
3. **Van Gieson's Solution** (B-168-2), for five minutes.
4. Dehydrate in 95% Alcohol, absolute alcohol, and clear in Xylene.
5. Mount with **Permount** (M-18)

**STAINING RESULTS:**

Biliverdin	Green
Collagen	Red
Muscle	Yellow

**NOTE** Bilirubin is oxidized to biliverdin and stains olive drab to emerald green, depending on the concentration of bilirubin

**REFERENCES:**

AFIP, Manual of Histological Staining Methods, 3rd ed , Ed. L Luna, New York: McGraw-Hill Publications, c. 1968, p. 174

Hall, M.J Amer J. Clin. Path,34:313-316, 1960.