

HALL'S METHOD FOR BILIRUBIN

PURPOSE:	For In Vitro Diagnostic Use: Intended for the qualitative demonstration of bilirubin in tissue.
PRINCIPLE:	Ferric Chloride in an acid medium oxidizes bilirubin to a green colored biliverdin. Van Gieson acts as a counterstain.
CONTROL:	Gall bladder or liver known positive for bilirubin <i>Control Slides can be purchased from Histology Control Systems. See inside back cover, Item# cs009.</i>
SPECIMEN PREPARATION:	Formalin fixed, paraffin embedded sections cut at 6 micrometers
SOLUTIONS:	1. Fouchet's Working Solution Item# s2103 2. Van Gieson's Solution Item# s289 <i>Solutions can be purchased separately from Poly Scientific.</i>
NOTES:	
REFERENCE:	Hall, MJ. <u>Amer. J. Clin. Path.</u> 34:313-316. 1960.

STAINING PROCEDURE:

1. Deparaffinize and hydrate to distilled water.
2. Stain in Fouchet's Working Solution for 5 minutes.
3. Wash in running water.
4. Stain in Van Gieson's Solution for 5 minutes.
5. Dehydrate in 95% Alcohol, Absolute Alcohol and clear in Xylene, 2 changes each.
6. Mount with Poly Mount (Item# s2153) or any other acceptable mounting medium.

RESULTS:

Bilirubin Green
 Collagen..... Red
 Muscle Yellow

Poly Scientific R&D Corp.

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