

MASSON TRICHROME (for FFPE)

Rowley
(last update 9/2021)

Date: ___/___/___ Technician (Initials): _____

OBJECTIVE: Distinguishes collagen from muscle.

RECOMMENDED CONTROL TISSUE: Appendix, Small Intestine, Uterus

ID OF CONTROL USED: _____ Type of Tissue: _____

Reagent	Vendor	Catalog #	Was this a new Bottle (Y/N)? If Yes, check lot log.
Bouin's	Rowley	SO-306	
Weigert's Iron Hematoxylin A	Rowley	SO-465	
Weigert's Iron Hematoxylin B	Rowley	SO-466	
Biebrich Scarlet-Acid Fuchsin	Rowley	F367-3	
Phosphotungstic/ Phosphomolybdic Acid	Rowley	F367-4	
Aniline Blue	Rowley	F367-5	

REAGENT PREPARATION:

Working Weigert's Iron Hematoxylin at 1:1 ratio of A:B

PROTOCOL

1. FOR FFPE SLIDES: Deparaffinize slides and bring to dI H2O
2. Mordant tissue in Bouin's solution @65°C 30 minutes.
3. Cool sections; Wash in running tap H2O until all yellow color is removed for 5 minutes.
4. Stain nuclei with Working (1A:1B) Weigert's iron Hematoxylin for 15 minutes
5. Wash in running Tap H2O for 5 minutes
6. Rinse with dI H2O
7. Stain in Biebrich Scarlet- Acid Fuchsin for 15 minutes
8. Rinse with DH2O
9. Place sections in working Phosphotungstic / Phosphomolybdic Acid solution for 10 minutes. Do not rinse. (*discard used solution*)
10. Stain sections with Aniline Blue solution for 15 minutes
11. Rinse in DH2O
12. QUICKLY Dehydrate in 95% and 100% ETOH
13. Clear in Xylene and mount

EXPECTED RESULTS: Nuclei - black; Cytoplasm, Keratin, Muscle fibers – red; Collagen, Mucin - blue

CASE IDS/SLIDE NUMBERS: