

## MASSON TRICHOME (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: