

Usage procedure for:

Trichrome (Modified Gomori), Light Green Stain Kit

Avantik Kit Item #: RS4569-125 | RS4569-250 | RS4569-500

Solutions Provided in Stain Kit:

Bouin's Solution

Iron Hematoxylin, Solution A

Iron Hematoxylin, Solution B

One Step Trichrome Stain, Green

Acetic Acid, 0.5%

Working solution preparation (prepare just before use):

Working Iron Hematoxylin Solution

Iron Hematoxylin, Solution A: 25mL

Iron Hematoxylin, Solution B: 25mL

Conventional Procedure

1. Deparaffinize and hydrate sections through alcohol to distilled water.
2. Place sections in **Bouin's Solution** overnight at room temperature or 1 hour at 56°C.
3. After slides have cooled, thoroughly rinse sections in running tap water until excess Bouin's has been removed (5-10 minutes).
4. Rinse in distilled water.
5. Stain in **Working Iron Hematoxylin Solution** for **7-10 minutes**.
6. Wash sections in running tap water for 5-10 minutes.
7. Stain in **One Step Trichrome Stain, Green** for **15-20 minutes**.
8. Differentiate section for up to 2 minutes in **Acetic Acid, 0.5%** (check microscopically for proper differentiation).
9. Quickly rinse section in distilled water.
10. Dehydrate slides in three changes of 100% Alcohol.
11. Clear and mount with appropriate mounting medium.

Results:

| | |
|-----------------------|-------|
| Nuclei: | Black |
| Cytoplasm and Muscle: | Red |
| Collagen and Mucin: | Green |

Kit Components and Related Control Slides:

Avantik Item Numbers:

Bouin's Solution: RS4396-250 (250 mL) | RS4396-500 (500 mL)

Iron Hematoxylin, Solution A: RS4418-250 (250 mL) | RS4418-500 (500 mL)

Iron Hematoxylin, Solution B: RS4419-250 (250 mL) | RS4419-500 (500 mL)

One Step Trichrome Stain, Green: RS4432-250 (250 mL) | RS4432-500 (500 mL)

Acetic Acid, 0.5%: RS4382-250 (250 mL) | RS4382-500 (500 mL)

Trichrome Control Slides: SL6219-A (Pack/12) | SL6219-B (Pack/25) | SL6219-D (Pack/100)

Trichrome Pos/Neg Control Slides: SL6380-A (Pack/12) | SL6380-B (Pack/25) | SL6380-D (Pack/100)



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