

Usage procedure for:

Trichrome Stain Kit, Gomori's One Step, Aniline Blue

Avantik Kit Item #: RS4568-125 | RS4568-250 | RS4568-500



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Solutions Provided in Stain Kit:

Bouin's Solution
Iron Hematoxylin, Solution A
Iron Hematoxylin, Solution B
Gomori's One Step Trichrome Stain, Aniline Blue
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 **Gomori's One Step Trichrome Stain, Aniline Blue** 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:	Blue

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)

Gomori's One Step Trichrome Stain, Aniline Blue: RS4431-250 (250 mL) | RS4431-500 (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)