

P.O. Box 3286 - Logan, Utah 84323, U.S.A. - Tel. (800) 729-8350 - Fax (435) 755-0015 - www.scytek.com

Trichrome Stain Kit (Modified Gomori's)

Description: The Trichrome Stain Kit (Modified Gomori's) is intended for use in the histological visualization of collagenous connective tissue fibers in tissue sections.

Collagen:	Blue
Muscle Fibers:	Red
Nuclei:	Black/Blue


Uses/Limitations: For In-Vitro Diagnostic use only.
 Histological applications.
 Do not use past expiration date.
 Use caution when handling these reagents.


Control Tissue: Lung
 Uterus
 Small Intestine
 Appendix

Availability/Contents:

<u>Item #</u>	<u>Kit Contents</u>	<u>Storage Conditions</u>
BNF125	Bouin's Fluid (125 ml)	Room Temperature
HWI-250	Weigert's Iron, Hematoxylin (250 ml)	Room Temperature
TGB125	Trichrome Stain (125ml)	Room Temperature
AAD250	Acetic Acid Solution (250 ml)	Room Temperature
AAL250	Acid Alcohol Solution (250 ml)	Room Temperature

Precautions: Keep away from open flame.
 Avoid contact with skin and eyes.
 Harmful if swallowed.
 Follow all Federal, State, and local regulations regarding disposal.
 Use in chemical fume hood whenever possible.

Storage: 18° C  25° C

 ScyTek Laboratories, Inc.
 205 South 600 West
 Logan, UT 84321
 435-755-9848
 U.S.A.

CE Authorized Representative in Europe
 (Regulatory affairs only)
 EmergoEurope (31)(0) 70 345-8570
 Molsnstraat 15
 2513 BH Hague, The Netherlands


P.O. Box 3286 - Logan, Utah 84323, U.S.A. - Tel. (800) 729-8350 - Fax (435) 755-0015 - www.scytek.com


Procedure (Standard):

1. Deparaffinize sections if necessary and hydrate to distilled water.
2. Preheat Bouin's Fluid in a water bath to 62° - 64° centigrade in a fume hood or very well ventilated area.
3. Place slides in preheated Bouin's Fluid for 60 minutes followed by a 10 minute cooling period.
4. Rinse slide in tap water until section is completely clear.
5. Rinse once in distilled water.
6. Stain slide with working Weigert's Iron Hematoxylin for 5 minutes.
7. Rinse slide in tap water for 2 minutes.
8. Apply Acid Alcohol solution to slide for 5 seconds to adjust pH.
9. Rinse slide in tap water for 1 minute.
10. Rinse slide in distilled water.
11. Apply Trichrome Stain to tissue section for 15 minutes.
12. Rinse slide in tap water for 1 minute.
13. Rinse slide in distilled water.
14. Apply Acetic Acid solution to tissue section for 10 seconds.
15. Rinse slide in distilled water.
16. Dehydrate through graded alcohol, clear, and mount in synthetic resin.

References:

1. Gomori, G.L., A rapid one-step trichrome. Amer J of Clinical Pathology. Vol. 20: page 661, 1950.
2. Manual of Histologic Staining Methods of AFIP. 3rd Edition, McGraw-Hill Publishing. Page 93, 1968.
3. Elbadawi, A., Hexachrome modification of Movat's stain. Stain Technology, Vol. 51: pages 249-253, 1976.
4. Carson, F.L., Histotechnology; A Self-Instructional Text, 2nd Edition. ASCP Press, Chicago, IL. Pages 117-121, 1996.

Storage: 18° C  25° C

 ScyTek Laboratories, Inc.
205 South 600 West
Logan, UT 84321
435-755-9848
U.S.A.

 Authorized Representative in Europe
 (Regulatory affairs only)
EmergoEurope (31)(0) 70 345-8570
Molsnstraat 15
2513 BH Hague, The Netherlands