

Trichrome (Colon) - Tissue Control Slides

Description: Human.
Natural disease state (where applicable).
Paraffin embedded.

Availability: TCS0021-5 5 unstained slides.
TCS0021-25 25 unstained slides.

Storage: 2-25° C.

Suggested Stain Kit: TRM-1

Procedure: See below.

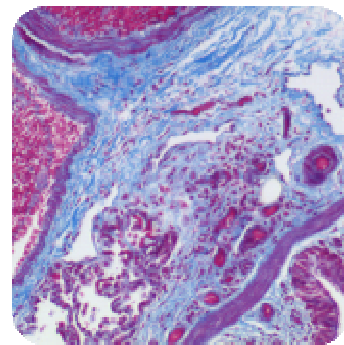
Trichrome Stain Kit (Modified Gomori's)


Description: The Trichrome Stain Kit (Modified Gomori's) is intended for use in the histological visualization of collagenous connective tissue fibers in tissue sections. The Gomori Trichrome is a more simplified procedure than other more traditional trichromes. Additionally, this procedure is useful in the assessment of the degree of fibrosis in liver biopsies.


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

Uses/Limitations: Not to be taken internally.
For In-Vitro Diagnostic use only.
Histological applications.
Do not use if reagents become cloudy.
Do not use past expiration date.
Use caution when handling reagents.
Non-Sterile.


Control Tissue: Lung
Uterus
Small Intestine
Appendix



Storage: 2° C  25° C

 ScyTek Laboratories, Inc.
205 South 600 West
Logan, UT 84321
U.S.A.

CE 

 EmergoEurope (31)(0) 70 345-8570
Molsnstraat 15
2513 BH Hague, The Netherlands

Availability/Contents:

<u>Item #</u>	<u>Kit Contents</u>	<u>Volume</u>	<u>Storage</u>
BNF125	Bouin's Fluid	125 ml	18-25 °C
HWI-A-125	Hematoxylin, Weigert's Iron (Part A)	125 ml	18-25 °C
HWI-B-125	Hematoxylin, Weigert's Iron (Part B)	125 ml	18-25 °C
TGB125	Trichrome Stain Solution (Blue)	125 ml	18-25 °C
AAD250	Acetic Acid Solution (0.5%)	250 ml	18-25 °C
AAL250	Acid Alcohol Solution (0.5%)	250 ml	18-25 °C

Ordering information regarding individual components on back page!

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.


Procedure:

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 1 time in distilled water.
- Note: Use mixed Hematoxylin, Weigert's Iron immediately and dispose of directly thereafter.
6. Mix an equal volume of Hematoxylin, Weigert's Iron (Parts A and B) and apply to tissue section for 5 minutes.
 7. Rinse slide in tap water for 2 minutes.
 8. Apply Acid Alcohol Solution (0.5%) to slide for 5 seconds to adjust pH and remove excess stain.
 9. Rinse slide in tap water for 1 minute.
 10. Rinse slide 1 time in distilled water.
 11. Apply Trichrome Stain (Blue) to tissue section and incubate for 15 minutes.
 12. Rinse slide quickly in distilled water.
 13. Apply Acetic Acid Solution (0.5%) to tissue section for 10 seconds.
 14. Rinse slide using absolute alcohol.
 15. Dehydrate in 2 changes of absolute 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.
5. Tretheway, D., et al. Should Trichrome Stain Be Used on All Post-Liver Transplant Biopsies with Hepatitis C Virus Infection To Estimate the Fibrosis Score? Liver Transplantation, May; 14(5): pages 695-700, 2008.

 Storage: 2° C  25° C



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Bulk Reagent Ordering Information and Current Pricing at www.scytek.com


Description:	Catalog #	Volume
Bouin's Fluid	BNF125	125 ml
	BNF500	500 ml
	BNF999	1000 ml
Hematoxylin, Weigert's Iron Kit (Two Components)	HWI-1	250 ml
	HWI-2	1000 ml
	HWI-3	2000 ml
Trichrome Stain Solution (Blue)	TGB125	125 ml
	TGB500	500 ml
	TGB999	1000 ml
Acetic Acid Solution (0.5%)	AAD250	250 ml
	AAD500	500 ml
	AAD999	1000 ml
Acid Alcohol Solution (0.5%)	AAL250	250 ml
	AAL500	500 ml
	AAL999	1000 ml

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