

# Trichrome (Liver) - Tissue Control Slides

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

**Availability:** TCS0022-5 5 unstained slides.  
TCS0022-25 25 unstained slides.

**Storage:** 2-25° C.

**Suggested Stain Kit:** TRM-1

**Procedure:** See below.

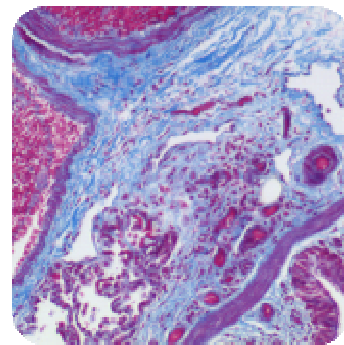
## Trichrome Stain Kit (Modified Gomori's)


**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:**

- Deparaffinize sections if necessary and hydrate to distilled water.
  - Preheat Bouin's Fluid in a water bath to 62° - 64° centigrade in a fume hood or very well ventilated area.
  - Place slides in preheated Bouin's Fluid for 60 minutes followed by a 10 minute cooling period.
  - Rinse slide in tap water until section is completely clear.
  - Rinse 1 time in distilled water.
- Note: Use mixed Hematoxylin, Weigert's Iron immediately and dispose of directly thereafter.
- Mix an equal volume of Hematoxylin, Weigert's Iron (Parts A and B) and apply to tissue section for 5 minutes.
  - Rinse slide in tap water for 2 minutes.
  - Apply Acid Alcohol Solution (0.5%) to slide for 5 seconds to adjust pH and remove excess stain.
  - Rinse slide in tap water for 1 minute.
  - Rinse slide 1 time in distilled water.
  - Apply Trichrome Stain (Blue) to tissue section and incubate for 15 minutes.
  - Rinse slide quickly in distilled water.
  - Apply Acetic Acid Solution (0.5%) to tissue section for 10 seconds.
  - Rinse slide using absolute alcohol.
  - Dehydrate in 2 changes of absolute alcohol, clear, and mount in synthetic resin.


**References:**

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

Storage: 2° C  25° C



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