

## Trichrome Stain Kit (Modified Gomori's)

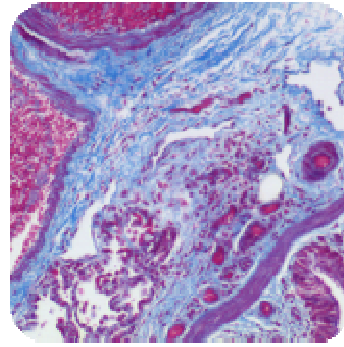
**Description:**

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

**Availability/Contents:**


<u>Item #</u>	<u>Kit Contents</u>	<u>Volume</u>	<u>Storage</u>
BNF030	Bouin's Fluid	30 ml	18-25 °C
HWI-A-030	Hematoxylin, Weigert's Iron (Part A)	30 ml	18-25 °C
HWI-B-030	Hematoxylin, Weigert's Iron (Part B)	30 ml	18-25 °C
TGB030	Trichrome Stain Solution (Blue)	30 ml	18-25 °C
AAD060	Acetic Acid Solution (0.5%)	60 ml	18-25 °C
AAL060	Acid Alcohol Solution (0.5%)	60 ml	18-25 °C

**Ordering information regarding individual components on back page!**


**Precautions:**

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

Storage: 18° C  25° C

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**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. Apply 4-5 drops of warmed Bouin's Fluid to tissue section and incubate for 60 minutes.
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 number of drops 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 4-5 drops of 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 4-5 drops of Trichrome Stain Solution (Blue) to tissue section and incubate for 15 minutes.
12. Rinse slide quickly in distilled water.
13. Apply 4-5 drops of 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. 3<sup>rd</sup> 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, 2<sup>nd</sup> 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: 18° C



25° C



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# Instructions For Use TRG-2-IFU

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Revision: 2


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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

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