

Trichrome Stain Kit (Modified Masson's)

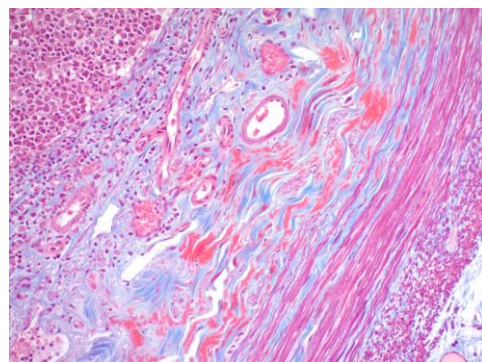
Description: The Trichrome Stain Kit (Modified Masson's) is intended for use in the histological visualization of collagenous connective tissue fibers in tissue sections. This kit may be used on formalin-fixed, paraffin-embedded or frozen sections.

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

Control Tissue: Lung
 Uterus
 Small Intestine
 Stomach

Results:

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



Kit Contents:

<u>Item #</u>	<u>Kit Contents</u>	<u>Volume</u>	<u>Storage</u>
SSC-BNF125	Bouin's Fluid	125 ml	18-25°C
SSC-HWI-A-125	Weigert's Iron, Hematoxylin (A)	125 ml	18-25°C
SSC-HWI-B-125	Weigert's Iron, Hematoxylin (B)	125 ml	18-25°C
SSC-BSU125	Biebrich Scarlet / Acid Fuchsin Solution	125ml	18-25°C
SSC-PPA125	Phosphomolybdic/Phosphotungstic Acid Solution	125 ml	18-25°C
SSC-ABP125	Aniline Blue Solution	125 ml	18-25°C
SSC-AAE125	Acetic Acid Solution (1%)	125 ml	18-25°C

For information regarding ordering individual components, please contact us at: 800-442-3573.

Control Slides Available. Catalog: CS-TRI-L/25, Trichrome, Liver, 25/box

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 (Standard):

1. Deparaffinize sections if necessary and hydrate to distilled water.
2. Preheat Bouin's Fluid in a water bath to 56° - 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. Mix equal parts of Weigert's (A) and Weigert's (B) and stain slide with working Weigert's Iron Hematoxylin for 5-10 minutes.
7. Rinse slide in running tap water for 2 minutes.
8. Rinse slide in distilled water.
9. Apply Biebrich Scarlet / Acid Fuchsin Solution to slide for 5-15 minutes.
10. Rinse slide in distilled water.
11. Differentiate in Phosphomolybdic/Phosphotungstic Acid Solution for 10-15 minutes or until collagen is not red.
12. Without rinsing, apply Aniline Blue Solution to slide for 5-10 minutes.
13. Rinse slide in distilled water.
14. Apply Acetic Acid Solution (1%) to slide for 3-5 minutes.
15. Dehydrate very quickly in 2 changes of 95% Alcohol, followed by 2 changes of Absolute Alcohol.
16. Clear in Xylene or Xylene Substitute, and mount in synthetic resin.

References:

1. Sheehan, DC., Hrapchak, BB. Theory and Practice of Histotechnology; 1980, page 190.
2. A.F.I.P. Laboratory Methods in Histotechnology; 1992, pages 132-133.
3. Bekeredjian R., Walton C.B., MacCannell K.A., Ecker J., Kruse F., et al. Conditional HIF-1a Expression Produces a Reversible Cardiomyopathy. PLoS ONE 5(7): e11693. Doi:10.1371/journal.pone.0011693. (2010)



Instructions For Use IFU-073 SSK-TRICH(MASSON)

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Lot-to-Lot Validation Form Trichrome Stain Kit Catalog: SSK-TRICH(MASSON)

Kit Lot Number: _____
Kit Expiration Date: _____
Date Tested: _____
Control Tissue (#) _____
Approved for Use: Y/N _____
Date put into use: _____
If not approved,
corrective actions
taken: _____
Approved by: _____

Kit Component	Lot #
Bouin's Fluid	_____
Weigert's Iron, Hematoxylin A	_____
Weigert's Iron, Hematoxylin B	_____
Biebrich Scarlet/Acid Fuchsin	_____
Phosphomolybdic/Phosphotungstic	_____
Aniline Blue	_____
Acetic Acid, (1%) Solution	_____

Replacement Component if used	Replacement Date	Lot #	Accepted Y/N	Comments
Bouin's Fluid				
Weigert's Iron, Hematoxylin A				
Weigert's Iron, Hematoxylin B				
Biebrich Scarlet/Acid Fuchsin				
Phosphomolybdic/Phosphotungstic				
Aniline Blue				
Acetic Acid, (1%) Solution				
Approved By: _____				

StatLab is providing this form to assist with reagent lot validation as stated in CLIA'88 Standard 493.1256-For reagent(s), the laboratory must do the following: Check each batch (prepared in-house), lot number (commercially prepared) and shipment of reagents, stains, and identification systems (systems using two or more substrates or two or more reagents, or a combination) when prepared or opened for positive and negative reactivity, if applicable.