



Instructions For Use

TGB-IFU

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Trichrome Stain (Blue)

Description and Principle

The Trichrome Stain (Blue) is a single solution trichrome stain that stains collagen blue and muscle red. It is the trichrome stain component of ScyTek's Trichrome Stain Kit (Modified Gomori's) which is useful in the assessment of the degree of fibrosis in liver sections among many other histological applications

Expected Results

Collagen: Blue
Muscle and Hepatocytes: Red

Kit Contents

Additional Kit Reagents Sold Separately

	Storage
1. Bouin's Fluid	18-25°C
2. Hematoxylin, Weigert's Iron (Part A)	18-25°C
3. Hematoxylin, Weigert's Iron (Part B)	18-25°C
4. Trichrome Stain Solution (Blue)	18-25°C
5. Acetic Acid Solution (0.5%)	18-25°C
6. Alcohol Solution (0.5%)	18-25°C

Suggested Controls (not provided)

Liver, Muscle, GI tract.

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

Storage

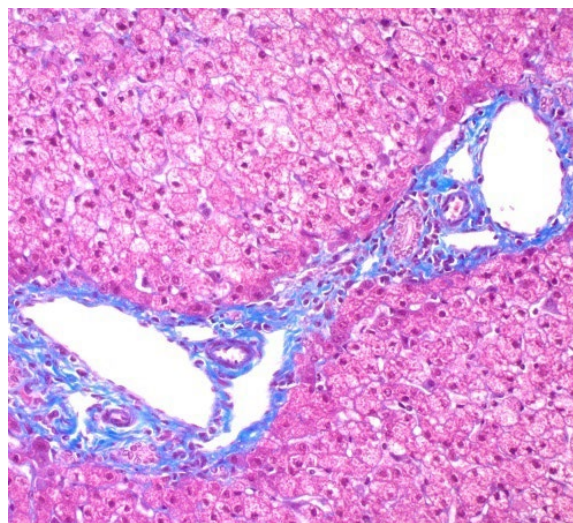
Store at room temperature (18-25°C).

Safety and Precautions

Please see current Safety Data Sheets (SDS) for this product and components GHS classification, pictograms, and full hazard/precautionary statements.

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.
6. Mix equal parts of Weigert's (A) and Weigert's (B) and stain slide with working Weigert's Iron Hematoxylin for 2-10 minutes. Stain is alcoholic and prone to evaporation – monitor and add stain as necessary to ensure stain does not dry on slide. Dried stain may result in excess grey background.
7. Rinse slide in tap water for 2 minutes.



Human Liver stained with Trichrome Stain Kit (Modified Gomori's) viewed at 100X magnification

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

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