



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

TECHNICALLY *Speaking*

Place your order with CEDARLANE® or your local distributor.
Please contact CEDARLANE® for lot specific information.

Microwave Copper Stain Kit Procedure

CLSG80171

Lot:

Kit Components Included:

25 ml	Rhodanine Stock	100 ml	Modified Mayer's Hematoxylin
2 Pints	Acetate buffer		

Principle: This kit demonstrates copper.

Specimen: Any well fixed paraffin embedded tissue cut at 5 microns.

SOLUTIONS:

Working Rhodanine Solution:

†RHODANINE STOCK 4 ml.

ACETATE BUFFER 46 ml.

(†AGITATE STOCK RHODANINE SOLUTION THOROUGHLY AND IMMEDIATELY PIPETTE INTO ACETATE BUFFER SOLUTION.)

PROCEDURE:

1. Deparaffinize slide in Xylene or Xylene Substitute and hydrate through alcohols to tap water.
2. *Place slide in **WORKING RHODANINE SOLUTION** and heat in a microwave oven at full power until solution is HOT, but not boiling! Carefully agitate slide, cap container and allow the solution to cool on bench top to room temperature; agitate container periodically during cooling. After cooling, quickly examine slide using a microscope; repeat heating and cooling cycles as needed to reach desired copper stain intensity.
3. Rinse slide through 2 changes of **ACETATE BUFFER** for 1 minute each.
4. Place slide in **MODIFIED MAYER'S HEMATOXYLIN** for 5 - 10 seconds with agitation.
5. Rinse slide through 3 changes of **ACETATE BUFFER SOLUTION** for 1 minute each.

Continued Overleaf...

For more information or to place an order please contact...

CEDARLANE®
LABORATORIES LIMITED



toll free: 1-800-268-5058
in North America

phone: (905) 878-8891 • fax: (905) 878-7800

5516 - 8th Line, R.R.#2, Hornby, Ontario, CANADA L0P 1E0

or visit our website for a list of our international distributors including contact information
website: www.cedarlanelabs.com • e-mail: info@cedarlanelabs.com

6. Dehydrate slide through 3 changes of fresh Absolute Alcohol.
7. Clear slide through 3 changes of fresh Xylene or Xylene Substitute.
8. Coverslip immediately using a permanent mounting media.

***OPTIONAL:** Place slides in **WORKING RHODANINE SOLUTION** for 18 hours at 37°C; proceed to **Step #3.**

RESULTS:

Copper:	Light brown to red cytoplasmic
Nuclei:	Blue

Reference:

- I. Lindquist RR: Studies on the Pathogenesis of Hepatolenticular II: Cytochemical methods for the location of copper. Arch Pathol; 1969, 87: 370.

Laboratory Reagent For Research Use Only. Not for Diagnostic or Therapeutic Work.