

Instructions for Use

Copper Control Slides

CATALOG NUMBER	DESCRIPTION	UNIT OF MEASUREMENT
CS029-PS-25	Copper Control Slides, Adhesion, 1 stained/24 unstained	1 set
CS029-PS-100	Copper Control Slides, Adhesion, 1 stained/99 unstained	1 set

INTENDED USE

Qualitative control for copper.

Please contact productsupport@statlab.com with any additional questions.

TISSUE

Known Positive Tissue

FIXATION

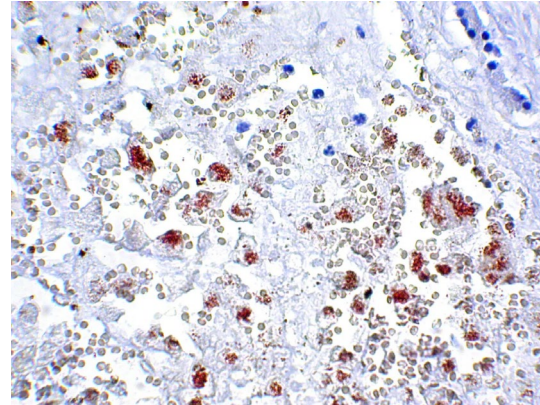
10% Buffered Formalin

TECHNICAL INFORMATION

Paraffin sections cut at 5 microns

USE WITH MASTERTECH COPPER STAIN KIT

Kit Size	Part Number
100 mL	KTMCO
Pint	KTMCOPT



MASTERTECH COPPER STAIN PROCEDURE

1. Deparaffinize and hydrate to running DI water.
2. Waterbath: Immerse working Rhodanine Solution preheated to 37°C for 18 hours.

Microwave: Immerse slide into a loosely capped jar of working Rhodanine Solution and heat (do not boil). Remove from microwave, cap jar tightly, and allow solution to cool to room temperature while agitating jar periodically. After cooling, examine and use a microscope; repeat heating/cooling cycles as needed to reach desired intensity.

*Prepare solution at time of use. Solution expires after one use.

3. Rinse in 2 changes of Acetate Buffer for 1 minute each change.
4. Immerse in Modified Mayer's Hematoxylin for 5-10 seconds with agitation.
5. Rinse in 2 changes of Acetate Buffer for 1 minute each change.
6. Dehydrate in 3 changes of Absolute Alcohol, 1 minute each change.
7. Clear in 3 changes of Xylene, 1 minute each change.
8. Coverslip with Acrymount Plus or any other acceptable mounting medium.

RESULTS

Copper – Light Brown to Red

Cytoplasmic granules and nuclei – Blue

This protocol is a recommendation only. Modifications may be necessary.



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