

# Instructions for Use

## Melanin Control Slides

CATALOG NUMBER	DESCRIPTION	UNIT OF MEASUREMENT
CS008-PS-25	Melanin Control Slides, Adhesion, 1 stained/24 unstained	1 set

### INTENDED USE

Qualitative control for melanin.

Please contact [productsupport@statlab.com](mailto:productsupport@statlab.com) with any additional questions.

### TISSUE

Known Positive Tissue

### FIXATION

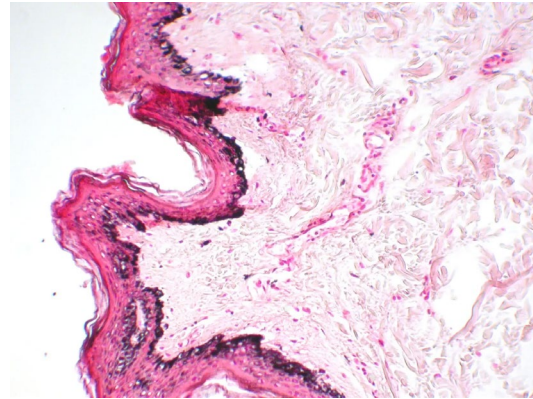
10% Buffered Formalin

### TECHNICAL INFORMATION

Paraffin sections cut at 5 microns

### USE WITH MASTERTECH FONTANA MASSON STAIN KIT

Kit Size	Part Number
100 mL	KTFMA
Pint	KTFMAPT
Liter	KTFMALT



### MASTERTECH FONTANA MASSON STAIN KIT PROCEDURE

1. Deparaffinize and hydrate to distilled water.
2. Rinse in running DI water for 1 minute.
3. Immerse in Ammoniacal Silver Solution preheated to 60°C for 30-60 minutes. Incubate until section becomes yellowish-brownish. Melanin typically stains in 30 minutes, and Argentaffin in 50-60 minutes.
4. Rinse in running DI water for 1 minute.
5. Immerse in 0.1% Gold Chloride for 1 minute until melanin or Argentaffin granules are brown to black.
6. Rinse in running DI water for 1 minute.
7. Immerse in 5% Sodium Thiosulfate for 1-2 minutes.
8. Rinse in running DI water for 1 minute.
9. Counterstain in Nuclear Fast Red for 5 minutes.
10. Rinse in running DI water for 1 minute.
11. Dehydrate in 3 changes of Absolute Alcohol, 1 minute each change.
12. Clear in 3 changes of Xylene, 1 minute each change.
13. Coverslip with Acrymount Plus or any other acceptable mounting medium.

### RESULTS

Melanin – Brown to black

Nuclei – Pink

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