

# Instructions for Use

## Iron Control Slides

CATALOG NUMBER	DESCRIPTION	UNIT OF MEASUREMENT
CS007-25	Iron Control Slides, Non-adhesion, 1 stained/24 unstained	1 set
CS007-PS-25	Iron Control Slides, Adhesion, 1 stained/24 unstained	1 set
CS007-100	Iron Control Slides, Non-adhesion, 1 stained/99 unstained	1 set
CS007-PS-100	Iron Control Slides, Adhesion, 1 stained/99 unstained	1 set

### INTENDED USE

Qualitative control for iron.

### TISSUE

Spleen

### FIXATION

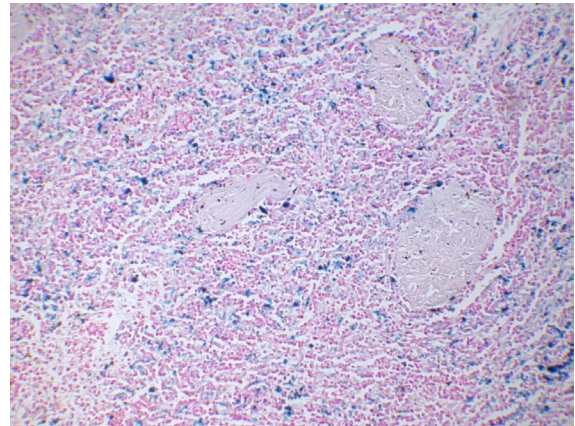
10% Buffered Formalin

### TECHNICAL INFORMATION

Paraffin sections cut at 5 microns

### USE WITH MASTERTECH IRON STAIN KIT

Kit Size	Part Number
100 mL	KTIRO
Pint	KTIROPT
Liter	KTIROLT
Gallon	KTIROGAL



### MASTERTECH IRON STAIN KIT PROCEDURE

1. Deparaffinize and hydrate to distilled water.
2. Immerse in Hydrochloric Acid - Potassium Ferrocyanide working solution for 20 minutes. Must be prepared fresh every time.
3. Rinse in running DI water for 1 minute.
4. Counterstain in Nuclear Fast Red for 5 minutes.
5. Rinse in running DI water for 1 minute.
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

Iron pigments – Bright Blue

Cytoplasm – Light Pink

Nuclei - Red

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

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