

VON KOSSA STAIN KIT PROCEDURE

Item# KT 028

KIT COMPONENTS INCLUDED:

100ml. Nuclear Fast Red Stain
100ml. 5% Sodium Thiosulfate

100ml. 5% Silver Nitrate

PRINCIPLE: This kit demonstrates calcium deposits.

SPECIMEN: Any well fixed paraffin embedded tissue cut at 4 to 5 microns.

PROCEDURE:

1. Deparaffinize slide using Xylene or a Xylene Substitute and hydrate through alcohols.
2. Rinse slide in running Tap water.
3. Rinse slide through 2 changes of Distilled water.
4. Place slide in **5% Silver Nitrate** for 30 to 60 minutes with exposure to an ultraviolet light or 100 watt incandescent desk lamp.
5. Rinse slide in Distilled water.
6. Place slide in **5% Sodium Thiosulfate** for 2 to 3 minutes.
7. Rinse slide thoroughly in running Tap water.
8. Place slide in **Nuclear Fast Red Stain** for 5 minutes.
9. Rinse slide in running Tap water.
10. Dehydrate slide quickly through 3 changes of fresh Absolute Alcohol.
11. Clear slide through 3 changes of Xylene or Xylene Substitute.
12. Coverslip using a permanent mounting media.

RESULTS:

Calcium Salts: **BLACK**

Nuclei: **RED**

Cytoplasm: **PINK**

REFERENCE: Sheehan DC Hrapchak BB: Theory and Practice of Histotechnology; 1980, 227.

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

DBS will not be held responsible for patent infringement or other violation that may occur with the use of our product.

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