



# 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

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## VON KOSSA STAIN KIT PROCEDURE

**CLSG80166**

### Kit Components Included:

|        |                        |        |  |
|--------|------------------------|--------|--|
| 125 ml | Nuclear Fast Red Stain | 125 ml | 5% Silver Nitrate, <b>NOTE: store at 4°C</b> |
| 125 ml | 5% Sodium Thiosulfate  |        |  |

**Note:** For Nuclear Fast Red counterstain - shake before use. Do not filter.

**PRINCIPLE:** This kit demonstrates calcium deposits.

**SPECIMEN:** Any well fixed paraffin embedded tissue cut at 3 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:

Mass Calcium Deposits: **BLACK**  
Dispersed Calcium Deposits: **GREY**  
Nuclei: **RED**  
Cytoplasm: **LIGHT PINK**

**REFERENCE:** Sheehan D.C. Hrapchak BB: Theory and Practice of Histotechnology; 1980, 227.

**Laboratory Reagent For Research Use Only**

MW 05/21/19

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