



Von Kossa Staining Protocol

Preheat slide warmer to 60°C and bake sections for 30 min.

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|--------------------------|--------|
| Xylene | 5 min. |
| Xylene | 5 min. |
| 100% EtOH | 3 min. |
| 100% EtOH | 3 min. |
| 75% EtOH | 3 min. |
| 50% EtOH | 3 min. |
| Milli-Q H ₂ O | 3 min. |
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- Cover each section with 1% Silver Nitrate (@ 150 μ l). (Dilute 10% stock)
- Expose to bright light for 30 min.
- Wash 2X in Milli-Q H₂O for 3 min each.
- Cover each section with 2.5% Sodium Thiosulphate and incubate for 5 min.
- Wash 2X in Milli-Q H₂O for 3 min each.
- Counterstain with Nuclear Fast Red for 5 min at room temperature.
- Wash in Milli-Q H₂O for 2 min.
- Immediately dehydrate and clear slides. Use step 1 in reverse starting with 50% EtOH.
- Add 1 drop of Permount and coverslip.

