

Nail Prep Solution

Description: Pre-processing, Nail softening solution used to soften brittle nail clippings. Nail Prep makes specimens easier to cut, process, and helps to keep tissue from washing off the slide.

Uses/Limitations: Not to be taken internally.
For In-Vitro Diagnostic use only.
Histological applications.
Do Not Use past expiration date.
Use caution when handling reagents.
Non Sterile

Precautions: Avoid contact with skin and eyes
Harmful if swallowed
Follow all Federal, State, & Local regulations regarding disposal

Important Notes:

- 1) It is highly recommended that you place the sections on positively charged (silane) slides.
- 2) Do not use with metal forceps or containers, Corrosive!
- 3) Rinse cassettes and tissues well with running tap water before placing into tissue processor.
- 4) Solution may be re-used for 5 days.

Procedure:

- 1) Gross nail plates and large nail clippings into small segments (approximately 2-3 mm in thickness)
- 2) Place segments into a processing cassette
- 3) Immerse the cassette into the Nail Prep solution for 1 hour
- 4) Remove the cassette from the Nail Prep solution and rinse in running water for 5 minutes
- 5) Place the cassette into the tissue processor and process routinely
- 6) Embed the specimen as usual
- 7) Trim block on a microtome
- 8) Cut the paraffin block at 3-4 microns, and place on an adhesion slide
- 9) Stain the slides as usual but minimize the rinses in running water. Long exposure of the sections to water may create a higher chance of tissue loss, or movement of the tissue
- 10) Dehydrate, clear, and coverslip as usual.