ORCEIN
for elastic fibers
04 – 055802

[IVD] In-vitro diagnostic medical device

CND code: W01030799

- number of tests .................. 100
- procedure time .................. 30 minutes
- product validity .................. 2 years
- storage temperature ........... 15-25 °C
- complementary equipment ...... not requested

Expected aim
Product for the preparation of cyto-histological samples for optical microscopy.

Application
To demonstrate elastic fibers in tissue sections; recommended for vascular pathology.

Method
1) Bring section to distilled water.
2) Put on the section 5 drops of reagent A and 5 drops of reagent B: leave to act 4 minutes.
3) Wash the slide in distilled water.
4) Put on the section 10 drops of reagent C: leave to act 1 minute (until being colorless).
5) Double washing in distilled water.
6) Prepare the incubation box: put on the bottom of the incubation 20 drops of reagent D; introduce the slide and put on the section 10 drops of reagent E. Close the incubation box and incubate 20 minutes.
7) Wash well in distilled water.
8) Put on the section 10 drops of reagent F: leave to act 2 minutes.
9) Rinse in running water 1 minute.
10) Dehydrate through ascending alcohols, clear in xylene and mount.

Results
Elastic fibers ................................................................................................................... brown-purplish red
Background ...................................................................................................................... almost colourless

Reagents
A) Potassium permanganate solution ................................................................. 18 ml
B) Acid activation buffe ................................................................................. 18 ml
C) Oxalic acid solution ............................................................................... 30 ml
D) Alcoholic reagent for incubation box ................................................. 2 x 30 ml
E) Orcein solution according to Shikata ...................................................... 30 ml
F) Differentiation solution ......................................................................... 30 ml

Warning and
precaution
The product must be used exclusively by specialized technical operators.
The product is classified as hazardous.
Read with attention the information written on the label (dangerous symbols, risks and safety phrases).
Consult always the safety data sheet where the information about the risks of the preparation,
precautionary measures during use, first aid and disposal are available.
Do not use if primary packaging is damaged.

Storage
Store the preparation at room temperature. Keep the containers tightly closed.

Stability
After the first opening, the product is usable until the expiry date, if correctly stored.

Disposal
Hazardous preparation: observe all state and local environmental regulations regarding waste disposal.
References


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