



ORCEIN FOR ELASTIC FIBERS

IVD

In Vitro Diagnostic Medical Device

Stability: 2 years under recommended storage conditions.

Storage conditions: Store at 15 - 25 ° C, protected from fire and sunlight . Packing to be stored tightly closed.

Procedure duration: ~ 30 min

Content:

Reagents:

- A – Potassium permanganate solution
- B – Acid activation buffer
- C – Oxalic acid solution
- D – Incubation media
- E – Orcein solution according Shikata
- F – Differentiation solution

Application:

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

NB B!: The clinical interpretation of any staining, or its absence, should be complemented by morphological studies and proper controls, and should be evaluated within the context of the patient's clinical history and other diagnostic tests by a qualified pathologist.

Method:

1. Deparaffinize and bring section to distilled water.
2. Cover section with ex tempore prepared mixture of equal volumes of reagent A and reagent B for **4** minutes.
3. Rinse in distilled water.
4. Cover section with reagent C for **1** minute (until being colourless).
5. Rinse in distilled water.
6. Cover section with reagent E and put under bell-glass with at least 0.75ml per slide of reagent D in another vessel to assure appropriate conditions (ambient) for incubation. Incubate for **20** minutes.
7. Wash well in distilled water.
8. Cover section with reagent F for **2** minutes.
9. Rinse in running tap water for **1** minute.
10. Dehydrate through ascending alcohols, clear in xylene, mount in resin (optional) and examine.

Results:

Elastic fibers – purplish red-brown

Background – almost colourless