



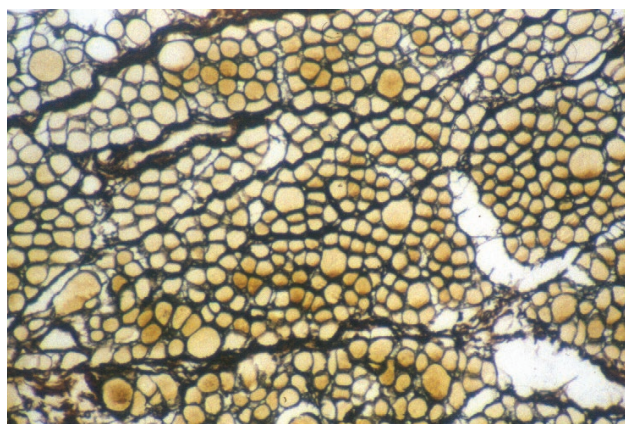
Reticulin Kit for clinical diagnosis

Reticulin is a meshwork of fine fibers which provide support to the tissues. Reticulin Kit is used for visualizing the presence of reticulin by impregnation with a silver salt.

The tissue is first oxidized and sensitized with iron alum, which is replaced with a silver salt. The silver is then reduced with a formaldehyde solution, that reveals the metallic silver.

Finally, a solution of sodium thiosulfate dissolves the unreduced excess silver.

If the process has been carried out correctly, the background of the preparation will be almost colorless and the **reticulin fibers** and nerve fibers will be stained **brownish-black** and the **collagen** will be **yellow**.



Meets the requirements of the CE marking for in vitro diagnostic medical devices.
See instructions on www.itwreagents.com.

Main advantages

- All reagents required for staining are ready for use.
- Provided in convenient, easy-to-use dropper bottles.
- Optimal sample staining.
- Quantity sufficient for 50 tests.
- No need for extra equipment.

Contents of the Kit

Sufficient for 50 tests

Reagent A: KMnO_4 solution.....	25 ml
Reagent B: Acid solution	25 ml
Reagent C: $\text{C}_2\text{H}_2\text{O}_4$ solution	25 ml
Reagent D: $\text{NH}_4\text{Fe}(\text{SO}_4)_2$ solution.....	25 ml
Reagent E: $\text{AgNO}_3/\text{NH}_4\text{OH}$ solution	25 ml
Reagent F: HCHO solution	25 ml
Reagent G: $\text{Na}_2\text{S}_2\text{O}_3$ solution.....	25 ml

Stability and storage

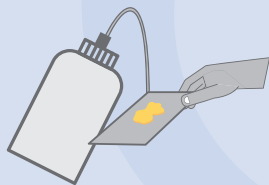
The Reticulin Kit is stable for 1 year. Store at between +2 and +8 °C.



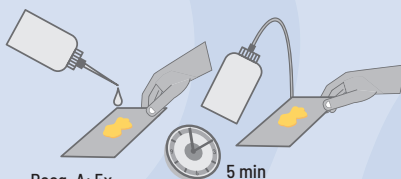


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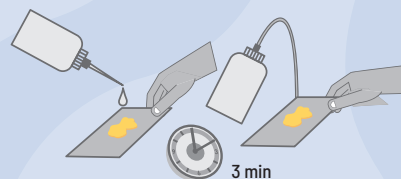
Procedure



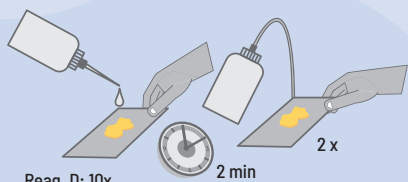
1. Hydrate the section to distilled water.



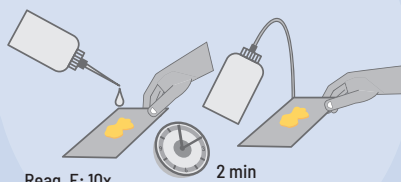
2. Put 5 drops of Reagent A on the section and add 5 drops of Reagent B: let it work for 5 minutes. Rinse the slide in distilled water.



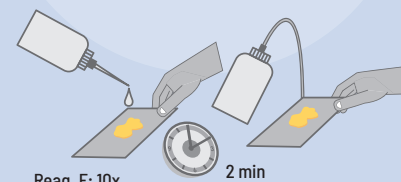
3. Put on the section 10 drops of Reagent C, let it work for 3 minutes and rinse in distilled water.



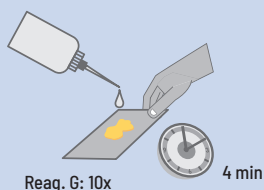
4. Put on the section 10 drops of Reagent D, let it work for 2 minutes. Rinse twice in distilled water.



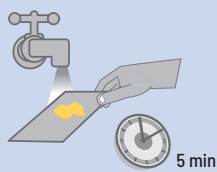
5. Impregnate the section with 10 drops of Reagent E, let it work for 2 minutes and rinse in distilled water.



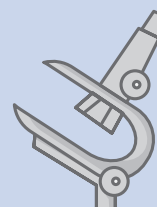
6. Develop putting on the section 10 drops of Reagent F, let it work for 2 minutes. Rinse in distilled water.



7. Put on the section 10 drops of Reagent G, let it work for 4 minutes.



8. Wash in running tap water for 5 minutes.



9. Dehydrate on the ascending scale of alcohol, clear in xylene and mount.

Results

Reticulin and nervous fibers: black
Connective tissue: brown
Collagen: yellow

Product name	Code	Package
Reticulin Kit for clinical diagnosis	255115.0922	1 Kit

IP-041EN

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