

Weigert for elastic fibers, fast method*Kit to highlight elastic fiber***Manufacturer: Diapath S.p.A.****Use**

Reagents for in vitro diagnostic use.

Code	Test	Reagents	Code	Packaging
		Potassium Permanganate 0.5% acc. Mallory	G012AA	1x30 ml
		Sulfuric Acid 0.5% Mallory	G004AA	1x30 ml
010242	100	Oxalic Acid acc. Mallory	G027AA	1x30 ml
		Weigert rapid	C074AB	1x30 ml
		Jenkins reagent	D001AA	1x30 ml
		Mayer hematoxylin	C030AA	1x30 ml

Description

The kit supplies reagents for Weigert staining protocol with resorcin-fuchsin solution to highlight elastic fibers in tissue section and nuclei counterstaining with Mayer hematoxylin. The step in Potassium Permanganate, followed by Oxalic Acid, increases reaction performances.

Short time staining protocol different from kit 010217 "Weigert for elastic fibers, long method".

Specimen and preparation kind

- Preparation: Paraffin section
- Suggested fixatives: Formalin
- Control : Skin
- Storage temperature: +15°/+25°C
- Procedure time: 55 min
- Critical step: Avoid sectioning drying

Staining protocol

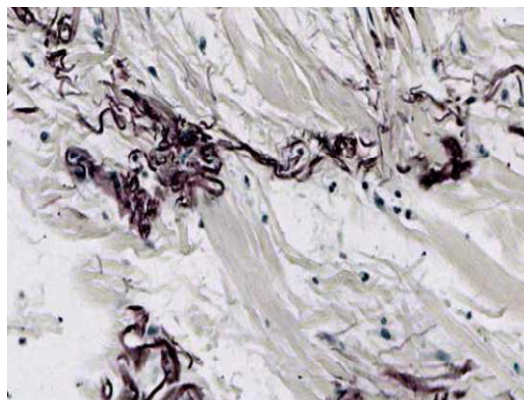
Drain reagents directly on section.

To avoid section excessive drying, use a wet incubator box.

1. Deparaffinize and hydrate to distilled water
 2. Cover the section with 5 drops of **Potassium Permanganate 0.5% acc. Mallory** + 5 drops of **Sulfuric acid sol. 0.5% Mallory** for 5 minutes
 3. Wash in distilled water
 4. Dip in **Oxalic Acid acc. Mallory** for 5 minutes
 5. Wash in distilled water
 6. Cover sections with **Weigert rapid** for 30 minutes
 7. Wash in distilled water
 8. Cover sections with **Jenkins reagent** for 2 minutes
 9. Wash in distilled water
 10. Cover sections with **Mayer hematoxylin** for 5 minutes
 11. Wash in running tap water for 5 minutes
- Dehydrate quickly, clear and mount with balsam

Results

Elastic fibers: Purple-Brown
Cell Nuclei: Blue-violet



Quality control

The products and the raw materials are entered and constantly monitored by computer systems that allow traceability between batch number of each single product and batches of their raw materials.

Instructions of use

To avoid mistakes, the product should be used by qualified and trained staff. Professional use product. The guidelines concerning safety on the workplace must be applied according to current regulations. The tools used for diagnosis must be suitable for diagnostic use in laboratory. The diagnosis should be performed only by authorized, trained and competent staff. Control sections should be used during each test to avoid incorrect results.

Storage

Store the product according to the specifications listed on the label. The product, if opportunely stored and integrally packed, is stable up to the expiry date reported on the label. Do not use after expiration date.

If the reagent is not stored as recommended, its performance may change and must be validated by the user. After opening, the reagent is stable up to expiration date but only if stored in its container and in accordance with the specifications listed on the label. It is recommended to close the container tightly after the use.

Disposal instruction

The expired and/or unused product must be disposed according to local waste regulations, based on danger classification on the label and after possible contaminations evaluation. In some cases it may be necessary an analytical evaluation to determine the correct waste classification and the danger features.

Labeling legend



Batch n.



Manufacturer



Storage temperature limits



Product code



Expiry date



In vitro diagnostic medical device



Photosensitive

For more information see the MSDS.