

Goldner Trichrome

Staining for connective tissue

Manufacturer: Diapath S.p.A.

Code	Test	Reagents	Code	Packaging
		Iron Hematoxylin Weigert - Reagent A	C022AA	1x30 ml
		Iron Hematoxylin Weigert - Reagent B	C023AA	1x30 ml
010224	100	Picric Acid saturated alcohol solution	G003AA	1x30 ml
		Fuchsin Ponceau acc. Masson	C044AA	1x30 ml
		Phosphomolibdic Acid acc. Masson	G001AA	1x30 ml
		Light green acc. Goldner	C070AA	1x30 ml

Description

The kit is intended for use in histological visualization of connective tissue, collagen, reticular fibers, and muscle fibers. The procedure gives a particular green staining of collagen fibers.

Specimen and preparation kind

- Preparation: Paraffin section
- Suggested fixatives: Formalin
- Control: Liver
- Storage temperature: +15°C/+25°C
- Procedure time: 40 min
- Critical step: None

Staining protocol

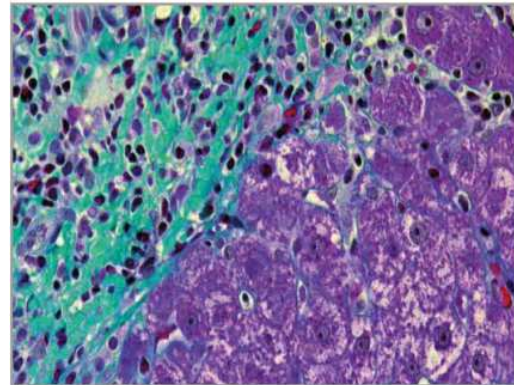
Drain reagents directly on section in a way to cover it completely.
To avoid section excessive drying, use an incubator box.

1. Deparaffinize and hydrate section to distilled water
2. 5 drops of **Iron Hematoxylin Weigert - Reagent A** + 5 drops of **Iron Hematoxylin Weigert - Reagent B** for 10 minutes
3. Running tap water for at least 5 minutes
4. **Picric Acid saturated alcohol solution** for 4 minutes
5. Wash in distilled water for 30 seconds
6. **Fuchsin Ponceau acc. Masson** for 4 minutes
7. Drain section and go to the next step without washing the section
8. **Phosphomolibdic Acid acc. Masson** for 5 minutes
9. Drain section and go to the next step without washing the section
10. **Light green acc. Goldner** for 5 minutes
11. Dehydrate quickly and clear
12. Mount in balsam

DIAPATH

Results

Nuclei:	Black
Muscle fibers, keratin, cytoplasm:	Bright red
Collagen, mucus:	Green
Erythrocytes:	Orange-Yellow



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.