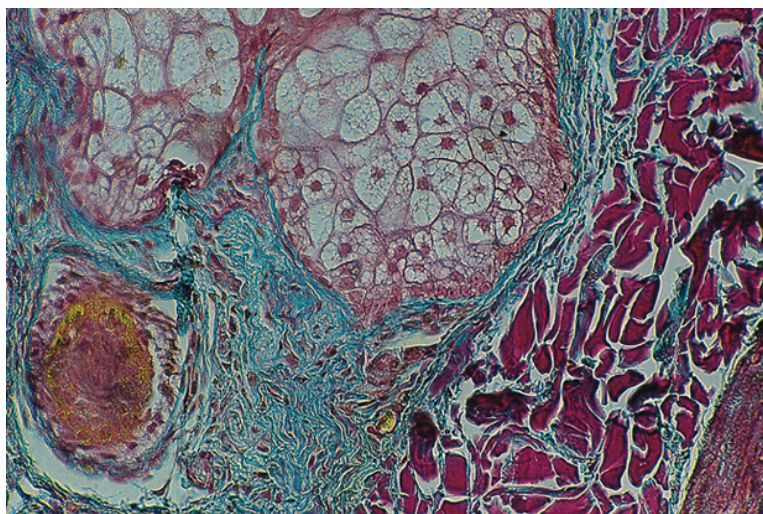


# **MASSON TRICHROME GOLDNER**


with light green



*Skin*

CODE	DESCRIPTION	TESTS NUMBER
04-011802	Masson trichrome Goldner	100 test

**IVD** In Vitro Diagnostic – medical device

 Manufacturer: Bio-Optica Milano S.p.A.

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Rev. 02

Bio-Optica Milano S.p.A. Via San Faustino 58 - 20134 Milano  
Phone +39 02.21.27.13.1 - Fax Italia +39 02.21.53.000 - Fax Export +39 02.21.54.155  
[www.bio-optica.it](http://www.bio-optica.it) – [info@bio-optica.it](mailto:info@bio-optica.it) – [claims@bio-optica.it](mailto:claims@bio-optica.it)

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

Recommended method for connective tissue. It demonstrates gametes, nuclei, neurofibrils, neuroglia, collagen, keratin, intracellular fibrils, and negative image of Golgi apparatus. It is very suitable for black and white microphotographs.

### PRINCIPLE

Four different stains are used: Weigert's iron hematoxylin for nuclei, picric acid for erythrocytes, and a mixture of acid dyes (acid fuchsin-"ponceau de xyldine") for cytoplasm and light green for collagen.

### METHOD

- 1) Bring section to distilled water.
- 2) Put on the section 6 drops of reagent A and add 6 drops of reagent B: leave to act 10 minutes.
- 3) Without washing, drain the slide and put on the section 10 drops of reagent C: leave to act 4 minutes.
- 4) Wash quickly (3-4 seconds) in distilled water and put on the section 10 drops of reagent D, leave to act 4 minutes.
- 5) Wash in distilled water and put on the section 10 drops of reagent E: leave to act 10 minutes.
- 6) Without washing, drain the slide and put 10 drops of reagent F: leave to act 5 minutes.
- 7) Wash in distilled water and dehydrate rapidly through ascending alcohols, stop for 1 minute at the last absolute ethanol. Clear in xylene and mount.



*The picture is for illustrative purposes only*

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### Technical details

Method specifications	Procedure time	35 minutes		
	Complementary equipment	Not requested		
	Results	Nuclei and gametes:	Black	
		Cytoplasm, keratin, muscle fibres, acidophil granules:	Red	
		Collagen, mucus, basophil granules of hypophysis:	Green	
		Delta cells granules of hypophysis:	Green	
Erythrocytes:	Yellow			
Components	A) Weigert's iron hematoxylin - A solution	18 ml		
	B) Weigert's iron hematoxylin - B solution	18 ml		
	C) Picric acid alcoholic stable solution	30 ml		
	D) Ponceau acid fuchsin according to Masson	30 ml		
	E) Phosphomolybdic acid solution	30 ml		
	F) Light green solution according to Goldner	30 ml		
Storage	Storage	Store the preparation at room temperature. Keep the containers tightly closed.		
	Storage temperature	15-25°C		
	Stability	After the first opening, the product is usable until the expiry date, if correctly stored.		
	Validity	2 years		
Warning	Product classification	<p>The product must be used exclusively by specialized technical operators. The product is classified as hazardous.</p> <p>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.</p> <p>Do not use if primary packaging is damaged.</p>		
	Disposal	Hazardous preparation: observe all state and local environmental regulations regarding waste disposal.		

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