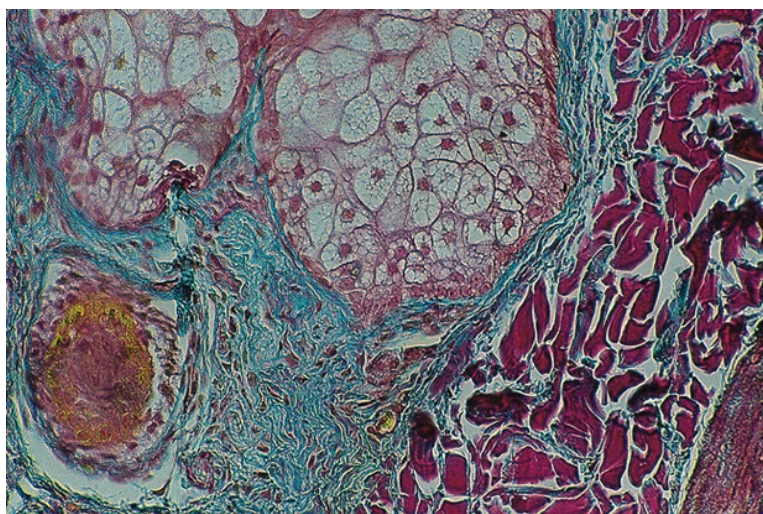




# MASSON TRICHROME GOLDNER

with light green



Skin

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



In Vitro Diagnostic – medical device  
IVD in **Class A**, Reg. UE 2017/746  
UDI-DI: 08033976230579  
Basic UDI: 080339762W01030799Y5



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

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 xyloidine") 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*

### 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 reusable until the expiry date, if correctly stored.   |       |  |
|                       | Validity                                     | 2 years  |       |  |
| Warning               | Product classification                       | <p>The product is intended for professional laboratory use for healthcare professionals.</p> <p>Carefully read the information on the label (danger symbols, risk and safety phrases) and always consult the safety data sheet. Do not use if the primary container is damaged.</p> <p>In the event of a serious accident, we recommended that you immediately inform Bio-Optica Milano S.p.A and the competent authorities.</p> |       |  |
|                       | Disposal                                     | Hazardous preparation: observe all state and local environmental regulations regarding waste disposal.   |       |  |

| REVISION N° | REASON                                   | REVISION DATE |
|-------------|--|---------------|
| 001         | Regulation adjustment UE 2017/746 - IVDR | 16/05/2022    |