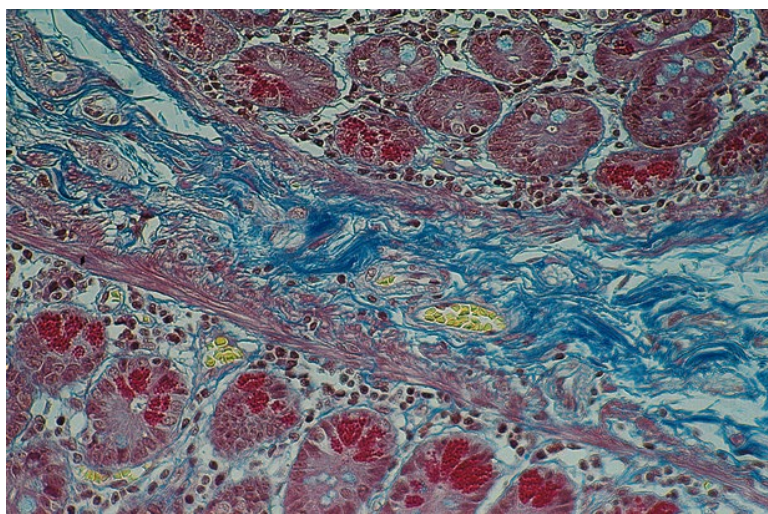




MASSON TRICHROME

with aniline blue



Intestine

CODE	DESCRIPTION	TESTS NUMBER
04-010802	Masson trichrome (with aniline blue)	100 test



In Vitro Diagnostic – medical device
IVD in **Class A**, Reg. UE 2017/746
UDI-DI: 08033976230555
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.

PRINCIPLE

Four different stains are used: Weigert's iron hematoxylin for nuclei, picric acid for erythrocytes, a mixture of acid dyes (acid fuchsin-"ponceau de xylidine") for cytoplasm and aniline blue for connective tissue.

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 the reagent D: leave to act 4 minutes.
- 5) Wash in distilled water and put on the section 10 drops of the reagent E: leave to act 10 minutes.
- 6) Without washing, drain the slide and put on the section 10 drops of reagent F: leave to act 5 minutes.
- 7) Wash in distilled water and dehydrate rapidly through ascending alcohols, stop 1 minute in 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:	Blue	
		Delta cells granules of hypophysis:	Blue	
Erythrocytes:		Yellow		
Reagents	A) Weigert's iron hematoxylin - A solution	18 ml		
	B) Weigert's iron hematoxylin - B solution	18 ml		
	C) Picric acid alcoholic solution	30 ml		
	D) Ponceau acid fuchsin according to Mallory	30 ml		
	E) Phosphomolybdic acid solution	30 ml		
	F) Masson aniline blue	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