

**Mucicarmine acc. Mayer***Kit for staining of acid mucins***Manufacturer: Diapath S.p.A.****Use**

Reagents for in vitro diagnostic use

Code	Tests	Reagents	Reagent code	Packaging
		Iron hematoxylin acc. Weigert reagent A	C022AA	1x30ml
010245	100	Iron hematoxylin acc. Weigert reagent B	C023AA	1x30ml
		Mucicarmine acc. Mayer	C078AA	1x30ml
		Methanil Yellow	C103AA	1x30ml

**Description**

The kit supplies reagents to visualize acid mucins with mucicarmine stain. Counterstaining with Weigert Hematoxylin and Methanil Yellow.

**Specimen and preparation kind**

- Preparation: paraffin section
- Suggested fixative: formalin
- Control: intestine
- Storage temperature: +4°/+8°C
- Procedure time: 50 min 40 sec
- Critical step: use fresh sections, dilute Mucicarmine acc. Mayer before the use

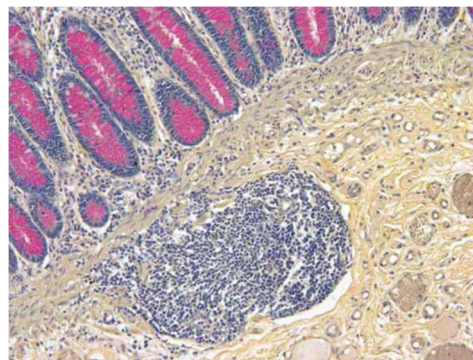
**Staining protocol**

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

1. Deparaffinize and hydrate to distilled water
2. 5 drops of **Iron hematoxylin Weigert-reagent A** + 5 drops of **Iron hematoxylin Weigert-reagent B** for 10 minutes
3. Wash in running tap water for at least 10 minutes
4. Prepare Mucicarmine solution: 20 drops of **Mucicarmine acc. Mayer** in 0.5 ml of distilled water
5. Cover the sections with the solution for at least 30 minutes at room temperature
6. Wash in distilled water
7. Cover the sections with **Methanil Yellow** for 30-40 seconds
8. Wash twice in distilled water
9. Dehydrate quickly, clear and mount with balm

**Results**

Nuclei:	Black
Acid mucins:	Different shades of red
Other components, neutral mucins:	Light 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.