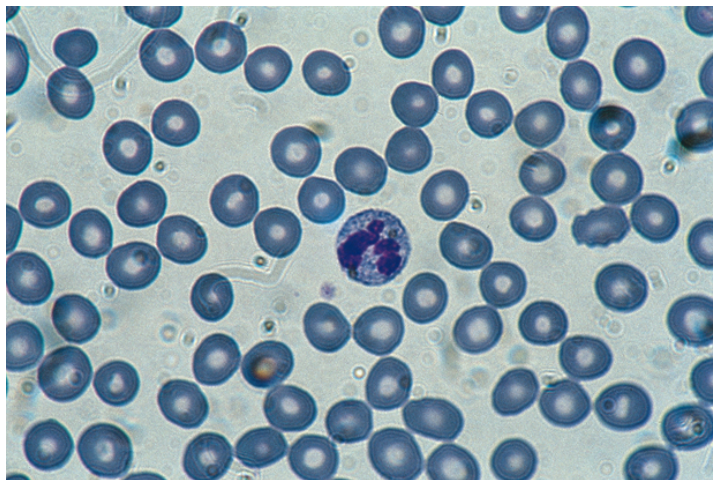



MGG QUICK STAIN



Blood smear

CODE	DESCRIPTION	TESTS NUMBER
04-090805	MGG quick stain	100 test

IVD In Vitro Diagnostic – medical device

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

Date of issue: 11/07/2018
Rev. 02

Product for the preparation of cyto-histological samples for optical microscopy.
Quick method for differential staining of formed blood elements. It can also be used to stain other types of air-dried smears (sediment smears, needle aspirates). The resulting staining can be compared to traditional May Grunwald-Giemsa method.

PRINCIPLE

Solutions in this kit contain the same dye as traditional May Grunwald and Giemsa solutions. Thanks to their high degree of dissociation, active molecules (eosin and thiazine dyes) can be absorbed by cellular structures very quickly.

WARNING

- It is important to immerse and extract specimen as requested in the method. A continuous permanence in the solution does not guarantee good staining results.
- If the final staining shows unbalance between eosinophil and basophil components it is necessary to verify pH of washing water. If this value is very different from neutrality - pH 7 - we advise to use a buffer (ex. phosphate buffer pH 7 Bio-Optica) or distilled water.

METHOD

- 1) Dry the smear in the air.
- 2) Immerse the slide 5 times for 1 second each in solution A. After every immersion wait a moment to drain excess.
- 3) Immerse the slide 5 times for 1 second in solution B. After every immersion wait a moment to drain excess.
- 4) Immerse the slide 3-5 times for 1 second in solution C. After every immersion wait a moment to drain excess.
- 5) Wash in tap water.
- 6) Dry the slide in the air (do not use heat sources such as oven, etc....).



The picture is for illustrative purposes only

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Rev. 02

Technical details

Method specifications	Procedure time	20 seconds
	Complementary equipment	Not requested
	Results	Results comparable to the May Grunwald Giemsa technique.
Components	A) Fixative	150 ml
	B) Eosin solution	150 ml
	C) Thiazine staining solution	150 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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