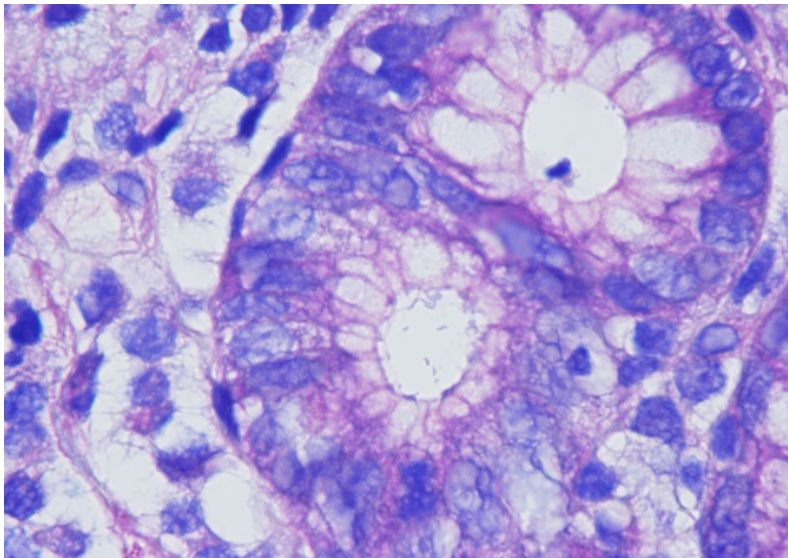


# **GIEMSA**

*for Helicobacter Pylori*



*Gastric biopsy*

CODE	DESCRIPTION	TESTS NUMBER
04-090803	Giemsa for HP	75 test



In Vitro Diagnostic – medical device



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

Date of issue: 31/08/2018

Rev. 03

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

To demonstrate *Helicobacter pylori* bacterium on gastric biopsy sections. The qualitative and quantitative composition of staining mixture and the careful differentiation allow identifying bacteria on tidy ground.

### WARNING

The kit allows preparing 15 assays using Coplin Jars of 50 ml. Each assay stains from 1 to 5 sections. Reagent can be introduced into the Coplin Jar and then recovered.

### METHOD

- 1) Deparaffinise sections and bring to distilled water.
- 2) Preparation of buffer solution. Take out from bottle B 5 ml of solution and diluting 1:10: Utilize obtained solution for the preparation of Giemsa working-solution.
- 3) Preparation of Giemsa working-solution. Take out 10 ml of reagent A and reach the volume of 40 ml with buffer solution previously prepared.
- 4) Put the solution in a Coplin Jar and immerse sections for 30 minutes.
- 5) Drain the slide without washing and put the section for 15 seconds in reagent C.
- 6) Repeat step 5 with reagent D and E.
- 7) Clear in xylene and mount.



*The picture is for illustrative purposes only*

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### Technical details

Method specifications	Procedure time	1 hour		
	Complementary equipment	Graduated cylinder		
	Results	Helicobacter pylori:	Blue, in form of seagull's wing	
		Nuclei:	Blue	
Cytoplasm:		Pink		
Components	A) Giemsa solution modified	150 ml		
	B) Acetate buffer solution	150 ml		
	C) Differentiating reagent	150 ml		
	D) Dehydrating reagent	150 ml		
	E) Dehydrating reagent	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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