

May-Grünwald Giemsa (for Helicobacter Pylori),

Kit

Reference: AP0364



1 of 2

INTENDED USE AND PRESENTATION:

For *in vitro* diagnostic use.

AP0364. 100 Tests.

APPLICATIONS:

The May-Grünwald Giemsa (for Helicobacter Pylori) kit was designed to show Helicobacter Pylori bacterium on gastric biopsy sections. The qualitative and quantitative composition of staining mixture and the careful differentiation allow to identify bacteria on tidy ground.

The interpretation of the stain results is the full responsibility of the user. Any experimental result must be confirmed by a medically established diagnostic product or procedure.

PRODUCT COMPOSITION:

The May-Grünwald Giemsa (for Helicobacter Pylori) kit is composed by:

Reagent	Name	Volume	Storage
A	Giemsa stock solution	2 x 30 mL	15-25 °C
B	Acetate buffer 10X	4 x 30 mL	15-25 °C

METHODS AND PROCEDURE:

Specimen: Paraffin-embedded tissue samples should be used.

Procedure time: 40 minutes.

Staining procedure:

- 1) Deparaffinize and hydrate for paraffin section.
- 2) Put the slide in distilled water.
- 3) Preparation of **buffer solution 1X**: dilute 5 mL of **Reagent B** in 45 mL of distilled water (1:10). Utilize obtained solution for the preparation of Giemsa working-solution.
- 4) Preparation of **Giemsa working solution**: mixing 40 mL of **buffer solution** prepared above with 10 mL of **Reagent A** (1:25).
- 5) Stain the section with the **working solution of Giemsa** for 30 minutes.
- 6) Rinse in distilled water.
- 7) Dehydrate in alcohols of increasing clear in xylene and mount preparation.

See our web site at www.gennova-europe.com for detailed protocols ancillary reagents and support products.

EXPECTED RESULTS:

During the reaction of the different solutions of the kit with the tissue sections, resulting in the following stains:

Helicobacter Pylori	Blue
Nucleus	Blue
Cytoplasm	Pink

REQUIRED MATERIALS BUT NOT SUPPLIED:

All reagents, materials, and laboratory equipment for this procedure are not provided with this kit. This includes adhesive slides and cover slips, positive and negative control tissues, xylene or adequate substitute, ethanol, distilled H₂O, pipettes, Coplin jars, glass jars, moist chamber, histological baths, mounting materials, and microscope.

Buffered solutions for and other auxiliary reagents are available from Genova Scientific.

STORAGE AND STABILITY:

Store at 15-25 °C until the expiration date printed on product label. Do not use after the expiration date. Keep the containers tightly closed. After the first opening, the product is usable until the expiry date stated on label of intact product. Waste from solutions must be disposed under the procedure of hazardous substance. If the product is stored under different conditions from those stipulated in these technical indications, the new conditions must be verified by the user.

Genova Scientific guarantees that the product will maintain all of the described characteristics from the production date until the expiration date, as long as the product is stored and used as recommended. No other guarantees are provided. Under no circumstances is Genova Scientific obliged to cover damages caused by use of this reagent.

TROUBLESHOOTING:

If unusual staining is observed or any other deviations from the expected results, please read these instructions carefully, and if this does not solve the problem, please contact Genova Scientific's technical support department or your local distributor.



Catalog number



Batch code



In Vitro diagnostic medical device



Temperature limitation



Expiration date



Test number



Manufacturer



See instruction for use



Genova Scientific, S.L.
C/ Johann Gutenberg, 4F. Pol. Ind.
El Cañamo I • 41300 San José
de La Rinconada • Sevilla, SPAIN
Teléfono: +34 954 150767
Fax: +34 955 266494

info@gennovalab.com
www.gennova-europe.com

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2 of 2

PRECAUTIONS:

Use only by qualified personnel. Read with attention the information written on the label (dangerous symbols, risks and safety phrases). Consult always the safety data sheet (MSDS) where the information about the risks of the preparation, precautionary measures during use, first aid and disposal are available. Use proper protective equipment in order to avoid contact with reagents and samples in the eyes, skin, and mucosal tissues. MSDS is available upon request.

PERFORMANCE CHARACTERISTICS:

Genova Scientific has performed studies to evaluate the functioning of this product, concluding that the product is both specific and sensitive for recommended use.

F01IT04_V1R0512_AP0364_English



Catalog number



Batch code



In Vitro diagnostic medical device



Genova Scientific, S.L.
C/ Johann Gutenberg, 4F. Pol. Ind.
El Caamo I • 41300 San Jose
de La Rinconada • Sevilla, SPAIN
Telefono: +34 954 150767
Fax: +34 955 266494



Temperature limitation



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info@genovalab.com
www.genova-europe.com