

EHRlich ALDEHYDE REAGENT

IVD *In vitro* diagnostic medical device **CE**

Reagent for detecting urobilinogen in urine INSTRUCTIONS FOR USE

REF Product code: EAR-OT-100 (100 mL)

Introduction

BioGnost's Ehrlich aldehyde reagent is used for detecting urobilinogen in urine. Urobilinogen is a chemical compound created by bilirubin reduction. Bilirubin is a pigmented bile constituent comprised of bile acid, phospholipids, bile salt, cholesterol, calcium, inorganic electrolytes, and bilirubin pigments. Most of bilirubins (85%) are created from hemoglobin of worn out erythrocytes in reticuloendothelial system.

Product description

- **EHRlich ALDEHYDE REAGENT** – Reagent for detecting urobilinogen in urine.

Sample staining procedure

- Pour 10 mL of Ehrlich aldehyde reagent into 10 mL of urine and stir

Results

Pink - urobilinogen

Note

Staining procedures are not standardized and they depend on standard operating procedures of individual laboratories and the experience of the personnel conducting the staining procedure. Depending on personal requests and standard laboratory operating procedures, sample processing and staining can be carried out according to other protocols.

Preparing the sample and diagnostics

Use only appropriate instruments for collecting and preparing the samples. Process the samples with modern technology and mark them clearly. Follow the manufacturer's instructions for use. In order to avoid mistakes, the staining procedure and diagnostics should only be conducted by authorized and qualified personnel. Use only microscope according to standards of the medical diagnostic laboratory. In order to avoid an erroneous result, a positive and negative check is advised before application.

Safety at work and environmental protection

Handle the product in accordance with safety at work and environmental protection guidelines. Used solutions and out of date solutions should be disposed of as special waste in accordance with national guidelines. Chemicals used in this procedure could pose danger to human health. Tested tissue specimens are potentially infectious. Necessary safety measures for protecting human health should be taken in accordance with good laboratory practice. Act in accordance with signs and warnings notices printed on the product's label, as well as in BioGnost's material safety data sheet.










Storing, stability and expiry date

Keep Ehrlich aldehyde reagent in a tightly closed original package at temperature between 15°C and 25°C. Do not keep in cold places, do not freeze and avoid exposing to direct sunlight. Date of manufacture and expiry date are printed on the product's label.

References

1. Lillie, R.D. (1977): Conn's Biological Stain, Williams&Wilkins Company, Baltimore, 9th ed. 1977
2. Maria Mulisch et Ulrich Welesch (1909): Romeis Mikroskopische Technik, 18th ed., Germany
3. Vracko, R. et Sherris, J.C. (1963): Indole-spot test in bacteriology, Am. J. Clin. Pathol.39: 429-432

EAR-OT-X, V2-EN2, 13 February 2017, AK/VR

 Refer to the supplied documentation	 Storage temperature range	 Number of tests in package	REF Product code	CE European Conformity
 Refer to supplied instructions	 Keep away from heat and sunlight	 Valid until	LOT Lot number	 Manufacturer
IVD For <i>in vitro</i> diagnostic use only	 Keep in dry place	 Caution - fragile		

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