

GOLD CHLORIDE, 1% SOLUTION

IVD In vitro diagnostic medical device



1% gold chloride aqueous solution (aurichloric acid, H₂AuCl₄)

INSTRUCTIONS FOR USE

REF Catalogue number: ZK1-OT-50 (50 mL)

Introduction

Gold chloride solution is used as a component of many special stains kits. In those kits gold chloride provides toning of the section's image, and also stabilization of the dye on the section. After using gold chloride solution, it is usually followed by counterstain, such as Nuclear Fast Red (Kernechtrot) or Fast Green stain.

Product description

- **GOLD CHLORIDE, 1% SOLUTION** - Gold chloride aqueous solution.

Gold chloride, 1% solution field of use:

- Histology

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. Intensity of staining depends on the period of immersion in the dye. 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 Used solutions and out of date solutions should be disposed of as special waste in accordance with national guidelines.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 which is available on demand.

Storing, stability and expiry date

Keep Gold chloride, 1% solution in a tightly sealed original packaging at temperature between 15°C and 25°C, in a dark place. 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. Higdon, J. (2003): Micronutrient Information Center: Iodine, Linus Pauling Institute/Oregon State University.
2. Carson, F. L., Hladik, C. (2009): *Histotechnology: A Self-Instructional Text*, 3rd ed., Chicago: ASCP Press
3. Schiller, W. (1933): Early diagnosis of carcinoma of a cervix. *Surgery, Gynaecology and Obstetrics*, Chicago, 56: pp 210-222.
4. Sankaranarayanan, R. et al. (2003): Test characteristics of visual inspection with 4% acetic acid (via) and Lugol's iodine (vili) in cervical cancer screening in Kerala, India, *Int. J. Cancer*, 106, pp 404-408.
5. Sargent, D. L. (1936): An improvement in staining technic for Protozoa, *Biotechnic and Histochemistry*, 11, pp 49-52.

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

BIOGNOST Ltd.
Medjugorska 59
10040 Zagreb
CROATIA
www.biognost.com

