

# JENNER STAIN powder dye

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

## Jenner, BSC certified stain For staining blood smears

### INSTRUCTIONS FOR USE

**REF** Catalogue number: JS-P-25 (25 g)

#### Introduction

Histology, cytology and other related scientific disciplines study the microscopic anatomy of tissues and cells. In order to achieve good tissue and cellular structure visualization, the samples need to be stained in a correct manner. Jenner Stain powder dye is used for staining blood smears.

#### Product description

- **JENNER STAIN** - Powder dye for preparing dye solution for staining in hematology.

Other preparations and reagents used in preparing the dye solution:

- Methanol (CH<sub>3</sub>OH)

#### Preparing the solutions for staining

Basic Jenner Stain dye solution:

- Dissolve 1 g of Jenner Stain powder dye in 400 ml of methanol.

Working Jenner Stain dye solution:

- Mix 25 ml of basic Jenner Stain dye solution with 25 ml of distilled/demineralized water.

#### Results

Nuclei - purple

Cytoplasm - bright pink

Erythrocytes, eosinophil granules - red-pink

Basophilic granules - blue

#### Note

The mentioned formulation is only one of the ways of preparing the dye solution. Depending on personal requests and standard laboratory operating procedures, the dye solution can be prepared 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 handling. 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. Both positive and negative controls are recommended before applying.

#### 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 Used solutions and out of date solutions should be disposed of as special waste in accordance with national guidelines.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 Jenner Stain powder dye in a tightly closed original package at temperature between 15°C and 25°C. Keep in dry places, do not freeze and avoid exposure to direct sunlight. Stability period is 3 years. Expiry date is printed on the product's label.

#### References

1. Carson, F. L., Hladik, C. (2009): Histotechnology: A Self-Instructional Text, 3<sup>rd</sup> ed., Chicago: ASCP Press

JS-P-25. V2, 30 September 2015, VR/IŠP

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

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