

# Enko Bacteriophage

## Product description

Name of the pharmaceutical product (Patentable):  
**Enko Bacteriophage**



**ENKO  
BACTERIOPHAGE**

ANTIBACTERIAL SOLUTION FOR TOPICAL AND ORAL USE

**10 ml x 5**

Georgian pharmaceutical product registration  
number: **R-019969**

Phages active against: (pfu/ml)  
*Staphylococcus (10<sup>7</sup>)*, *Shigella (10<sup>7</sup>)*, *Salmonella (10<sup>7</sup>)*, *Escherichia coli (10<sup>7</sup>)*,

Preparations developed by  
**GEORGE ELIAVA INSTITUTE**  
OF BACTERIOPHAGES, MICROBIOLOGY AND VIROLOGY

### Composition:

Enko bacteriophage is a sterile filtrate of phage lysates active to:

- *Shigella (Shigella flexneri serotype 1,2, 3, 4 and Shigella sonnei)* titter no less than 10<sup>5</sup> ml<sup>-1</sup>,
- *Salmonella (S. paratype A, S. paratype B, S. enteritidis, S. cholera suis, S. typhimurium, S. oranienburg)* titter no less than 10<sup>5</sup> ml<sup>-1</sup>,
- Different types of *E. coli* titter no less than 10<sup>5</sup> ml<sup>-1</sup>,
- Species of pathogenic *Staphylococcus. (S. aureus, S. epidermidis)* titter no less than 10<sup>5</sup> ml<sup>-1</sup>.



Inactive ingredients: Bacteriological growth medium, standard sodium saline. Chinazolin as a conservator.

### Description:

Preparation is transparent liquid, with yellow to light brown colour.

### Pharmaco-therapeutical group:

Specific antibacterial solution.

### Pharmacological actions:

Enko Bacteriophage leads to a specific lysis of bacteria belonging to *Staphylococcus*, *Shigella*, *E.coli* and *Salmonella* of different serovars.

### Prescription:

To be used with curative and prophylaxis aim in enteric infections caused by the above-mentioned microorganisms.

### Indications:

Enteric infection: dysentery, salmonellosis, dyspepsia, colitis, gastro enterocolitis, cholecystitis, staphylococcal toxic infection, dysbacterioses etc.

### Usage and dosage:

Enko phage is applied per os for treatment purposes from the first days of the disease for 5 - 6 days in the following doses:

Children under 3 years - 5ml per reception,

Children above 3 years old and adolescents - 10 ml at once, 4 times a day, 30 minutes before the meal. Before taking the phage per os, taking 2-3% solution of baking soda is recommended.

During infectious intestinal diseases, the preparation is given in combination with applying the phage by enemas; preferably, in the evening time once a day, after a cleansing enema with a baking soda solution, per rectum: 10 ml of the preparation for children and 20 ml - for adults.

During massive infectious intestinal diseases, the preparation is given to all patients, regardless of clinical diagnosis, 10-20 ml twice a day, for five days.

*Special Warnings:*

Before use, the vial should be well shaken. The contents should be transparent liquid without sediment. The preparation should not be used in case of vials damage or if the liquid inside is non-transparent! Do not store and use the drug after destroying the integrity of the vial!!!

*Overdosing:*

During the usage of Enko bacteriophage, overdosing symptoms have not been revealed.

*Contradictions:*

Usage of Enko bacteriophage does not have contradictions.

*Side effects:*

No side effects have been revealed during usage of Enko bacteriophage.

*Usage together with other preparations:*

The preparation can be used in parallel or supplemental to other medications. Drinking alcohol during treatment with bacteriophages is not recommended.

*Specific categories of patients:*

*Pregnancy and lactation:*

Preparation can be used during pregnancy and lactation period.

*Usage in elderly people:*

Preparation is used in elderly people.

*Effect on drivers and people working with potentially harmful machines:*

Usage of bacteriophages does not affect driving skills or skills of other equipment usage.

*Packaging:*

Enko bacteriophage is produced in 10 ml vials (5 vials per pack)

*Storage conditions and shelf life:*

Store at +2C<sup>0</sup> - +8C<sup>0</sup> in dry place, protected from direct light.

Shelf life 18 month.

Preparation developed by G. Eliava Institute of Bacteriophages, Microbiology and Virology.

*Manufactured by:*

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