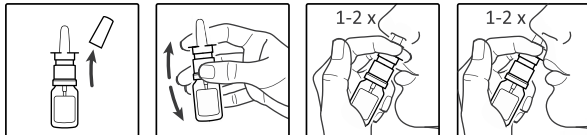


# BioBlock®

## Nasal spray with antibodies against SARS-CoV-2

**BioBlock®** is a natural product derived from bovine colostrum that has been produced by cows, who had been hyperimmunized with the SARS-CoV-2 viral spike protein.

Bovine colostrum is a milk produced by cows within the first few days after giving birth. It contains antibodies that provide passive immunity to the newborn calf.



### Product and its use

**BioBlock®** nasal spray is a natural product that contains antibodies against SARS-CoV-2 along with naturally occurring beneficial antibodies in colostrum which humans benefit daily while consuming dairy and meat products. *In vitro* testings demonstrated that the product blocks the entry of viral particles into cells. Tests were performed against initial Wuhan and newly mutated SARS-CoV-2 variants (UK B.1.1.7, South African B.1.351, Brazil P.1 and Indian (Delta B.1.617.2, Kappa B.1.617.1)).

BioBlock® can be used wherever it is difficult to distance from others: at home, at work, at school, in gyms, in public transportation and in crowded places. This natural product does not cause dryness of nasal mucous membrane.

BioBlock® is not a medicine.

### Usage

1-2 sprays into each nostril, 3-4 times a day, and before and after visiting crowded places. After blowing the nose, it is recommended to use the spray again.

BioBlock® is effective on the nasal mucosa up to 4 hours.

The product contains 150 spray doses.

### Daily dosage

9 – 12 sprays, contains 0,9 – 1,2 ml of bovine colostrum antibody solution.

### Ingredients

- Purified water
- Bovine colostrum derived SARS-CoV-2 antibodies (0,2 mg/ml)
- Phosphate buffer: DPBS (without Ca and Mg salts)
- Viscosity enhancing compounds: PEG400, PVP K30
- Preservative: sodium benzoate
- Acidity regulator: citric acid
- Mucous membrane moisturizing compound: glycerol
- Potassium chloride – buffer component
- Potassium dihydrogen phosphate – buffer component
- Sodium chloride – buffer component
- Disodium phosphate – buffer component

Product does not contain lactose.



**Store** at room temperature. After first usage utilize within 3 months. Best before presented on the package.

### Warnings and precautions

Do not use if allergic to milk proteins or to any of the other ingredients in this product (especially under 6 y/o children). If pregnant, breast-feeding or before using the product for and by children, contact your healthcare professional. Do not exceed the stated daily dose. Keep this product out of reach of children.

### Net quantity

BioBlock® contains 15 ml of solution.

### BioBlock® conception and development is made in collaboration with partners:

- University of Tartu (Institute of Technology, Institute of Pharmacy, Institute of Biomedicine and Translational Medicine)
- Institute of Veterinary Medicine and Animal Sciences of the Estonian University of Life Sciences
- OÜ Teadus ja Tegu
- Icosagen Cell Factory OÜ
- AS Chemi-Pharm

### Patent

A USPTO patent application (No. 63/160,833) has been submitted by the product developers.

### Manufacturer

AS Chemi-Pharm  
Tänassilma road 11, Tänassilma  
76406 Harju county, Estonia, EU