

# Semazin-Bio<sup>®</sup>

Serratiopeptidase  
Proteolytic Enzyme

**Composition and dosage form:**

The capsules dissolve in the intestines and each one contains 40,000 IU Serratiopeptidase.

**Pharmacological properties:**

Serratiopeptidase is a proteolytic enzyme secreted by the non-pathogenic enterobacteria Serratia E-15 which live in the intestines of the silkworm. Semazin-Bio<sup>®</sup> increases detritus elimination and fibrin deposits in the inflammation area, accelerates the decomposition of toxic metabolic products and dying tissues, improves the clearing of hematoma and swellings and normalizes vascular permeability.

After its enteral administration, the enzyme in the preparation's composition is absorbed in the small intestine by resorption of the intact molecules which connect to the transport proteins in the blood and become a part of the circulation. Afterwards, the enzyme migrates to the vascular bed and accumulates in the area of the pathological process due to the selective action of necrotic tissues. The preparation is particular with its strong analgesic effect- it inhibits the spread of pain mediators (bradykinin, histamine, serotonin, etc.) in the inflammation area. After administration, Semazin-Bio<sup>®</sup> increases the effectiveness of antibiotics due to decreased antibiotic resistance of the microorganisms.

**Indications:**

- It promotes the bowel health, because it is natural proteolytic enzyme it will help to reduce the inflammation, which can be the cause of abdominal pain, constipation and diarrhoea;
- It will help to digest dead tissues and may be helpful in case of swelling and oedema;
- It promotes the Ear ,Nose and Throat health, because it may help to minimise the excessive mucous production, which it is due to blood to clot, scar to form ....etc.);
- It will improve bronchial health since it loosens sputum and reduces coughing and expectoration;
- It will enhance cardiovascular health since it contains a natural proteolytic enzyme that may aid in the dissolution of artery plaques..

**Method of administration and dosage:**

One capsule 2-3 times per day 30 minutes before eating.

Duration of the treatment course - from 7-10 days to 1 month.

**Contraindications:**

Hypersensitivity. Acute hepatitis.

**Warnings:**

Patients with blood coagulation conditions and severe kidney function decreases.

When prescribed with anticoagulants, the blood coagulation parameters must be taken into account.

**Interaction with other medicinal products:**

Serratiopeptidase increases the effect of anticoagulants, therefore the administration of such preparations is not recommended.

**Shelf life:**

The shelf life of the preparation is two years.

**Storage conditions:**

Store in a space protected from sunlight at a temperature of no more than 25°C. Keep away from the reach of children.

**PACKAGING:**

10 capsules in blister.

3 blisters with packaging leaflet in carton box.

**BioActiveT**

Marketing Authorization Holder:  
BioActiveT Pharma, United Kingdom