

# Prionex<sup>®</sup> 10%

**Description:** Prionex<sup>®</sup> is a 10% aqueous solution of a polypeptide fraction of highly purified dermal collagen of porcine origin which has excellent protein stabilizing properties. Prionex<sup>®</sup> is prepared by partial hydrolysis and is terminally sterilized. It is free from cartilage, bone and plasma components and is therefore a pure form of partially hydrolyzed gelatine type A.

**Application:** Due to the chemical nature and the standardised quality, Prionex<sup>®</sup> can be used as an inert protein stabilizer and as an additive for cell culture media.

**Advantages:**

- Non-toxic and non-antigenic
- Filterable through a 0.2 µm membrane
- Heat-stable
- Free from nucleic acids, polysaccharides and lipids
- Free from any additives

**MW:** The average molecular weight is approx. 20'000 Da, estimated by gel permeation chromatography.

**Solubility:** Prionex<sup>®</sup> is freely soluble in water, diluted electrolyte solutions, glycerol and DMSO as well as in diluted ethanol and ammonium sulphate solutions below 20% saturation.

**Storage:** 15 - 25°C, protected from light

**References:** Gaffney PJ, Edgell TA, Dawson PA, Ford AW, Stocker K.  
A pig collagen peptide fraction. A unique material for maintaining biological activity during lyophilization and during storage in the liquid state.  
J Pharm Pharmacol 1996; 48: 896-8.

**Package size:** Bottles of 10ml, 100 ml, 500ml and 1'000 ml

**Code:** 069-03

NOT FOR USE IN HUMANS AND ANIMALS