

Prionex[®]

CATALOG #:	1033-100	100 ml
SOURCE:	Porcine Dermal Collagen	
MOL. WEIGHT:	~20 kDa by gel permeation chromatography	
ENDOTOXIN LEVEL:	≤1 EU/ml	
HEAVY METALS:	≤ 20 ppm	
FORM:	Liquid	
FORMULATION:	10% sterile aqueous, clear, pale yellow solution of pH 6.0-7.5.	
SOLUBILITY:	Prionex [®] 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 CONDITIONS:	Store at 15-25°C protected from light. For long term storage use 2-8°C.	
DESCRIPTION:	Prionex [®] , a very effective BSA alternate, is a 10% aqueous solution of a polypeptide fraction of highly purified dermal collagen of porcine origin. It has excellent protein stabilizing properties. Prionex [®] 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.	
APPLICATIONS:	Due to the chemical nature and the standardized quality, Prionex [®] can be used for multiple purposes like: <ul style="list-style-type: none">• Inert protein stabilizer in many applications.• Protective additive in cell culture.• Blocking agent.	

SALIENT FEATURES OF PRIONEX[®]:

- 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.
- No risk of BSE, MCD and HIV infective agents.

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.

RELATED PRODUCTS:

- BSA (10% in H₂O) (**Cat. No. 2119-10**)
- AGE-BSA (**Cat # 2221-10**)
- BSA Control for Age-BSA (**Cat # 2221-BSA**)
- Biotinylated Bovine Serum Albumin (3 biotin/BSA) (**Cat # 7097-5, -25**)
- Biotinylated Bovine Serum Albumin (5 biotin/BSA) (**Cat # 7098-5, -25**)
- Biotinylated Bovine Serum Albumin (12 biotin/BSA) (**Cat # 7099-5, -25**)

FOR RESEARCH USE ONLY! Not to be used in humans.