

TECHNICAL DATA SHEET 719

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Prionex[®]

Prionex[®] is a polypeptide fraction of highly purified dermal collagen of porcine origin which has excellent protein stabilizing properties. Prionex[®] is prepared by partial hydrolysis under mild conditions. It is free from cartilage, bone and plasma components and can therefore be considered as an extremely pure form of gelatin type A.

Application: Due to the chemical nature and the standardized quality, Prionex[®] can be used as an inert protein stabilizer in any kind of application, furthermore as an additive for cell culture media.

- Advantages:**
- Non-toxic and non-antigenic
 - Filterable through a 0.2µm membrane
 - Heat-stable
 - Free from nucleic acids, polysaccharides and lipids
 - Free from any additives
 - Free from endotoxins
 - No risk of BSE, MCD and HIV infective agents

Mw: Approximately 20,000 estimated by gel permeation chromatography

Activity: Prionex[®] solution 10% is a clear yellow, sterile solution, pH 6.0-7.5

Solubility: Prionex[®] is freely soluble in water, diluted electrolyte solutions, glycerol and DMSO as well as ethanol at concentrations below 75% and ammonium sulphate solutions below 20% saturation.

Storage: 15-25°C

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.

Ordering Information:

Cat.#	Description	Size
24621	Prionex [®]	100ml

To Order:

In The U.S. Call:	1-800-523-2575 • 215-343-6484
In The U.S. FAX:	1-800-343-3291 • 215-343-0214
In Germany Call:	(49) 6221-765767
In Germany FAX:	(49) 6221-764620