



## Stabilization of reagents

# Prionex® is a superior stabilizer for in vitro diagnostic reagents

- Optimize stability of biological activity
- Improve condition for lyophilisation and heat treatment
- Use as blocking agent in immunological assays
- Protect against denaturation
- Extend shelf life of enzymes and proteins
- Additive-free, high-consistency stabilizer
- Easy-to-use aqueous solution

Prionex® is a 10% aqueous solution of a polypeptide fraction of highly purified dermal collagen of porcine origin which 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.

## Other Advantages

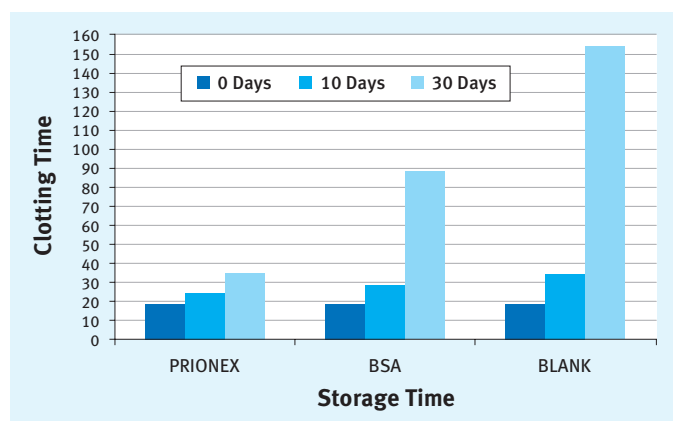
- Non-toxic
- Non-antigenic
- Filterable through a 0.2 µm membrane
- Heat-stable
- Free from nucleic acids, polysaccharides and lipids
- Free from any additives

Prionex 10%, the BSA alternative which optimizes conditions for proteins/enzymes.

Product	Packaging	Article No.
Prionex®	Bottles 100 ml, 500 ml, 1000 ml	069-03

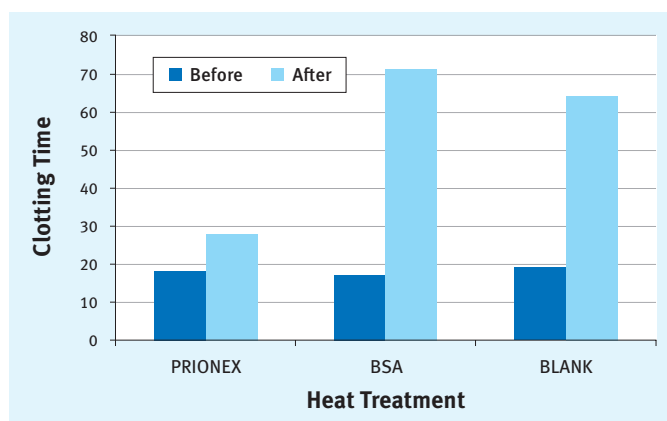
### Increase storage stability

Prionex® shows protein stabilization properties and increases the shelf life of a protein preparation



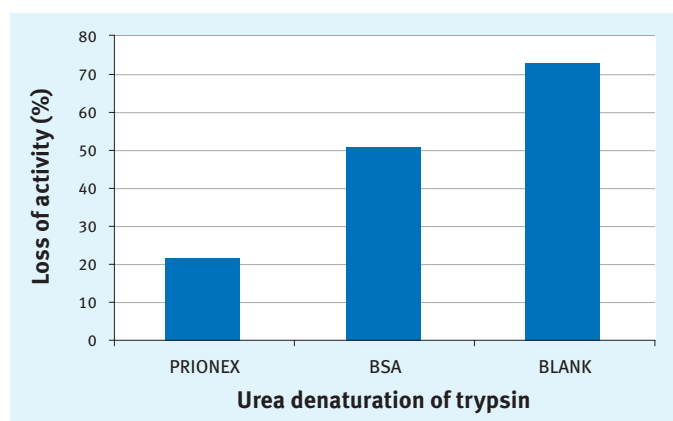
### Increase temperature stability

Prionex® enhances protein stability at elevated temperatures and this prevents denaturation during pasteurization or sanitization by heat and enhances long-term storage stability.



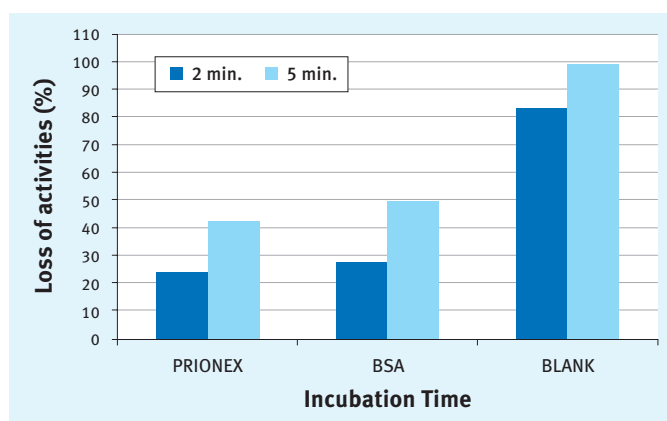
### Preserves activity

Prionex® maintains biological activity during lyophilisation, freeze-thaw cycles, during treatment by urea or ethanol.



### Prevents adsorption

Prionex® prevents protein adsorption. Adsorption of peptides and proteins on glass and plastic surfaces is a common phenomenon that lead to loss protein content or activity.



## DSM Pentapharm

Dornacherstrasse 112 | CH-4147 Aesch BL | Switzerland | [www.pentapharm.com](http://www.pentapharm.com)

## DSM Pentapharm

45 Waterview Blvd | Parsippany | NJ 07054 | USA | [www.pentapharm.com](http://www.pentapharm.com)

### DISCLAIMER

Although DSM has used diligent care to ensure that the information provided herein is accurate and up to date, DSM makes no representation or warranty of the accuracy, reliability, or completeness of the information. The information provided herein is for informational purposes and is intended for business to business use only. This publication does not constitute or provide scientific or medical advice, diagnosis, or treatment and is distributed without warranty of any kind, either expressly or implied. In no event shall DSM be liable for any damages arising from the reader's reliance upon, or use of, these materials. The reader shall be solely responsible for any interpretation or use of the material contained herein. The content of this document is subject to change without further notice. Please contact your local DSM representative for more details.

All trademarks listed in this brochure are either registered trademarks or trademarks of DSM in The Netherlands and/or other countries.

Prionex® is a registered Trademark of DSM.

©DSM 2017

0001-01-0617