



RayBiotech, Inc.

3607 Parkway Lane suite 200
Norcross, GA 30092
Tel: 770-729-2992, 1-888-494-8555
Fax: 770-206-2393
Website: www.raybiotech.com
Email: info@raybiotech.com

Certificate of Analysis and Data Sheet NATIVE HUMAN PROSTATE SPECIFIC ANTIGEN

Catalog No.
DS-01-0371

Target Species
Human

Preparation

Sterile filtered through a 0.2 micron membrane

Formulation

Product Form: Purified protein from human seminal fluid - liquid

Buffer Solution: Phosphate buffered saline, pH 7.5

Preservative Stabilizers: 0.09% Sodium Azide (NaN_3)

Molecular Weight: 30 kDa

Approx. Protein Concentration: 1.0 mg/ml

Purity: >40% by SDS-PAGE, PSA content analyzed by radial immunodiffusion. Immunological identity verified by Ouchterlony immunodiffusion vs Rabbit anti-human PSA.

Applications

Table Summary of protein applications and working conditions

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
ELISA	•			

Note: Other applications are not tested yet. Optimal dilutions should be determined by each laboratory for each application.

Storage

Store at +4°C or at -20°C if preferred.

Storage in frost-free freezers is not recommended.

This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the protein. Should this product contain a precipitate we recommend microcentrifugation before use.

Shelf Life: 12 months from date of dispatch

**The products are furnished for LABORATORY RESEARCH USE ONLY.
Not for diagnostic or therapeutic use.**