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Certificate of Analysis and Data Sheet NATIVE HUMAN PROSTATE SPECIFIC ANTIGEN

Catalog No.
DS-01-0370

Species
Human

Description

Prostate-specific antigen (PSA) is a glycoprotein of approximately 30 kDa found mainly in prostatic tissue and seminal fluid. PSA is also present in small quantities in the serum of normal men and is often elevated in the presence of prostate cancer and in other prostate disorders.

Synonyms: APS

Formulation

Product Form: Purified protein from human seminal fluid - liquid

Buffer solution: Phosphate buffered saline, pH 7.5

Preparation: Sterile filtered through a 0.2 μ M membrane

Preservative Stabilizer: 0.09% Sodium Azide (NaN_3)

Purity: >96% by SDS PAGE

Molecular Weight: 30 kDa

Approx. Protein Concentrations: 1.0 mg/ml

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 shipment.

Applications

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
Western Blotting(1)	•			
Elisa	•			

Note: Other applications are not tested yet. Optimal dilutions should be determined by each laboratory for each application.
(1) This protein may be used in Western blotting applications using suitable anti prostate specific antigen antibodies for detection and analysis.

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