

Human Prostate Specific Antigen (PSA) ELISA Kit | PSA elisa kit

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CATALOG # AAA332606	REACTIVITY Human	APPLICATIONS ELISA
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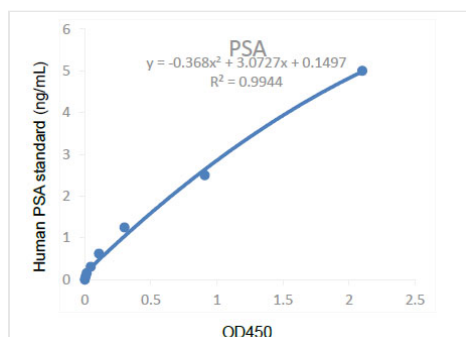
PRODUCT SYNONYMS

Prostate Specific Antigen (PSA); Human Prostate Specific Antigen (PSA) ELISA Kit; antigen; prostate-specific ELISA Kit; APS ELISA Kit; Gamma seminoprotein ELISA Kit; Gamma-seminoprotein ELISA Kit; hK3 ELISA Kit; Kallikrein 3 ELISA Kit; Kallikrein related peptidase 3 ELISA Kit; Kallikrein-3 ELISA Kit; KLK 3 ELISA Kit; KLK2A1 ELISA Kit; Klk3 ELISA Kit; KLK3_HUMAN ELISA Kit; P-30 antigen ELISA Kit; P30 antigen ELISA Kit; Prostate-specific antigen ELISA Kit; Psa ELISA Kit; Semenogelase ELISA Kit; Seminin ELISA Kit; PSA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Prostate Specific Antigen (PSA) ELISA Kit has high sensitivity and excellent specificity for detection of Human Prostate Specific antigen (PSA). No significant cross-reactivity or interference between Human Prostate Specific antigen (PSA) and analogues was observed.
Assay Type	Sandwich
Samples	Serum, Plasma, Cell culture supernatants
Detection Range	0.078 ng/mL- 5 ng/mL
Sensitivity	0.078 ng/mL
Applicable Applications for PSA elisa kit	ELISA
Intra-assay Precision	Intra-assay Precision: The CV (%)?10%.
Inter-assay Precision	Inter-assay Precision :The CV (%)?12%
Preparation and Storage	Store at 4 degree C for 12 months

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PSA elisa kit	Principle of the Assay: PSA is a proteolytic enzyme mainly produced by prostate epithelial cells, which is secreted into prostatic fluid or semen under normal circumstances. Serum PSA determination has high accuracy, stability, good repeatability, and is non-invasive, which helps in the early identification of prostate cancer, monitoring treatment response and judgment of prognosis. Human Prostate Specific Antigen (PSA) ELISA Kit employs a double antibody sandwich method to quantitate Human PSA in samples. An antibody specific for Human PSA has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any Human PSA present is bound by the immobilized antibody. After removing any unbound substances, a HRP-conjugated antibody specific for Human PSA is added to the wells. After washing, remove any unbound HRP-conjugated antibody reagent, adding HRP Substrate (TMB), TMB turns blue under the catalysis of HRP, and turns yellow after adding stop solution. Measure the OD value with a microplate reader at 450 nm wavelength. The Human Carcinoembryonic antigen (PSA) concentration is proportional to the OD450 nm value.
Product Categories/Family for PSA elisa kit	ELISA Assay Kit; Protein

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/human-elisa-kits/prostate-specific-antigen-psa/332606>