

Human Prostate specific membrane antigen (PSMA) ELISA Kit | PSMA elisa kit

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CATALOG #
AAA44238

REACTIVITY
Human

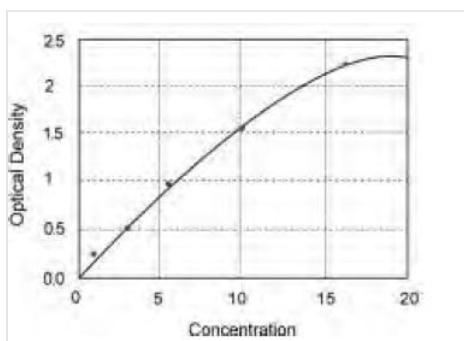
PRODUCT SYNONYMS

Prostate specific membrane antigen (PSMA); Human Prostate specific membrane antigen (PSMA) ELISA Kit; PSMA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	750
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	0.05-10ng/ml
Sensitivity	0.019ng/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PSMA elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human PSMA antibody. PSMA present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human PSMA Antibody is added and binds to PSMA in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated PSMA antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Human PSMA. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm. Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Prostate specific membrane antigen (also known as PSMA) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	190664
NCBI GeneID	2346
Molecular Weight	12,603 Da
NCBI Official Full Name	prostate- specific membrane antigen
NCBI Official Synonym Full Names	folate hydrolase 1
NCBI Official Symbol	FOLH1
NCBI Official Synonym Symbols	PSM; FGCP; FOLH; GCP2; PSMA; mGCP; GCPII; NAALAD1; NAALAdase
NCBI Protein Information	glutamate carboxypeptidase 2
UniProt Protein Name	Glutamate carboxypeptidase 2
UniProt Gene Name	FOLH1
UniProt Synonym Gene Names	FOLH; NAALAD1; PSM; PSMA; FGCP; GCPII; mGCP; NAALADase I; PSM; PSMA

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://stage.aaabiotech.com/human-elisa-kits/prostate-specific-membrane-antigen-psma/44238>