

Human PSMA2 ELISA Kit | PSMA2 elisa kit

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CATALOG #
AAA250983

REACTIVITY
Human

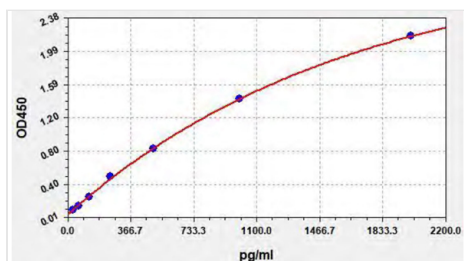
PRODUCT SYNONYMS

PSMA2; Human PSMA2 ELISA Kit; Proteasome subunit alpha type-2; Macropain subunit C3; Multicatalytic endopeptidase complex subunit C3; Proteasome component C3; PSMA2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Specifically recognize PSMA2, no obvious cross reaction with other analogues
Assay Type	Sandwich
Samples	Serum, plasma, cell culture supernatant and other biological samples
Detection Range	31.25-2000pg/ml
Sensitivity	18.75pg/ml
Intra-assay Precision	Intra-assay Precision: samples with low, medium and high concentration are tested 20 times on same plate.
Inter-assay Precision	Inter-assay Precision: samples with low, medium and high concentration are tested 20 times on three different plates.
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PSMA2 elisa kit

Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti PSMA2 antibody was pre-coated onto the 96-well plate. The biotin conjugated anti PSMA2 antibody was used as the detection antibody. The standards and pilot samples were added to the wells subsequently. After incubation, unbound conjugates were removed by wash buffer. Then, biotinylated detection antibody was added to bind with PSMA2 conjugated on coated antibody. After washing off unbound conjugates, HRP-Streptavidin was added. After a third washing, TMB substrates were added to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that turned yellow after adding a stop solution. Read the O.D. absorbance at 450nm in a microplate reader. The concentration of PSMA2 in the sample was calculated by drawing a standard curve. The concentration of the target substance is proportional to the OD450 value.

NCBI AND UNIPROT INFORMATION

NCBI GI #	130850
NCBI GeneID	5683
UniProt Accession #	P25787; Q6ICS6; Q9BU45
Molecular Weight	234
NCBI Official Full Name	Proteasome subunit alpha type-2
NCBI Official Synonym Full Names	proteasome (prosome, macropain) subunit, alpha type, 2
NCBI Official Symbol	PSMA2
NCBI Official Synonym Symbols	MU; HC3; PSC2; PMSA2
NCBI Protein Information	proteasome subunit alpha type-2; macropain subunit C3; proteasome subunit HC3; proteasome component C3; multicatalytic endopeptidase complex subunit C3
UniProt Protein Name	Proteasome subunit alpha type-2
UniProt Gene Name	PSMA2
UniProt Synonym Gene Names	HC3; PSC3
UniProt Entry Name	PSA2_HUMAN

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/psma2/250983>