

Human PSMA7 (Proteasome subunit alpha type-7) ELISA Kit | PSMA7 elisa kit

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CATALOG # AAA250679	REACTIVITY Human
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PRODUCT SYNONYMS

PSMA7 (Proteasome subunit alpha type-7); Human PSMA7 (Proteasome subunit alpha type-7) ELISA Kit; PSMA7; Proteasome subunit alpha type-7; PSMA7 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of PSMA7. No significant cross-reactivity or interference between PSMA7 and analogues was observed.
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	31.25-2000pg/ml
Sensitivity	18.75pg/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
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

ADDITIONAL INFORMATION

Related Product Information for PSMA7 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96- well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP -Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	12643540
NCBI GeneID	5688
UniProt Accession #	O14818 ; Q5JXJ2 ; Q9BR53 ; Q9H4K5 ; Q9UEU8 ; B2R515
Molecular Weight	248
NCBI Official Full Name	Proteasome subunit alpha type-7
NCBI Official Synonym Full Names	proteasome (prosome, macropain) subunit, alpha type, 7
NCBI Official Symbol	PSMA7
NCBI Official Synonym Symbols	C6; HSPC; RC6-1; XAPC7

NCBI Protein Information	proteasome subunit alpha type-7; proteasome subunit RC6-1; proteasome subunit XAPC7; proteasome subunit alpha 4
UniProt Protein Name	Proteasome subunit alpha type-7
UniProt Gene Name	PSMA7
UniProt Synonym Gene Names	HSPC
UniProt Entry Name	PSA7_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/psma7-proteasome-subunit-alpha-type-7/250679>