

Human PSMA5 (Proteasome subunit alpha type-5) ELISA Kit | PSMA5 elisa kit

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CATALOG #
AAA250291

REACTIVITY
Human

PRODUCT SYNONYMS

PSMA5 (Proteasome subunit alpha type-5); Human PSMA5 (Proteasome subunit alpha type-5) ELISA Kit; Proteasome subunit alpha type-5; Macropain zeta chain; Multicatalytic endopeptidase complex zeta chain; Proteasome zeta chain; PSMA5; PSMA5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of PSMA5. No significant cross -reactivity or interference between PSMA5 and analogues was observed.
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/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 PSMA5 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 #	315138981
NCBI GeneID	5686
NCBI Accession #	NP_001186701.1
NCBI GenBank Nucleotide #	NM_001199772.1
UniProt Accession #	P28066; Q3T1C1; Q6IBF7; B2R8F6; B4E2V4
Molecular Weight	20,035 Da
NCBI Official Full Name	proteasome subunit alpha type-5 isoform 2

NCBI Official Synonym Full Names	proteasome (prosome, macropain) subunit, alpha type, 5
NCBI Official Symbol	PSMA5
NCBI Official Synonym Symbols	PSC5; ZETA
NCBI Protein Information	proteasome subunit alpha type-5; macropain subunit zeta; macropain zeta chain; multicatalytic endopeptidase complex zeta chain; proteasome alpha 5 subunit; proteasome component 5; proteasome subunit zeta; proteasome zeta chain
UniProt Protein Name	Proteasome subunit alpha type-5
UniProt Gene Name	PSMA5
UniProt Entry Name	PSA5_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/psma5-proteasome-subunit-alpha-type-5/250291>