

Human PSMB4 (Proteasome subunit beta type-4) ELISA Kit | PSMB4 elisa kit

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CATALOG #
AAA250633

REACTIVITY
Human

PRODUCT SYNONYMS

PSMB4 (Proteasome subunit beta type-4); Human PSMB4 (Proteasome subunit beta type-4) ELISA Kit; Proteasome subunit beta type-4; 26 kDa prosomal protein (HsBPROS26; PROS-26); Macropain beta chain; Multicatalytic endopeptidase complex beta chain; Proteasome beta chain; Proteasome chain 3 (HsN3); PSMB4; PSMB4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of PSMB4. No significant cross-reactivity or interference between PSMB4 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 PSMB4 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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	22538467
NCBI GeneID	5692
NCBI Accession #	NP_002787.2
NCBI GenBank Nucleotide #	NM_002796.2
UniProt Accession #	P28070; P31148; Q5SZS5; Q6IBI4; Q969L6; B2R9L3
Molecular Weight	29,204 Da

NCBI Official Full Name	proteasome subunit beta type-4
NCBI Official Synonym Full Names	proteasome (prosome, macropain) subunit, beta type, 4
NCBI Official Symbol	PSMB4
NCBI Official Synonym Symbols	HN3; HsN3; PROS26; PROS-26
NCBI Protein Information	proteasome subunit beta type-4; 26 kDa prosomal protein; hsBPROS26; macropain beta chain; multicatalytic endopeptidase complex beta chain; proteasome beta chain; proteasome chain 3; proteasome subunit HsN3; proteasome subunit, beta type, 4
UniProt Protein Name	Proteasome subunit beta type-4
UniProt Gene Name	PSMB4
UniProt Synonym Gene Names	PROS26; HsBPROS26; PROS-26; HsN3
UniProt Entry Name	PSB4_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/psmb4-proteasome-subunit-beta-type-4/250633>