

Human Proteasome subunit beta type 8 (PSMB8) ELISA Kit | PSMB8 elisa kit

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CATALOG #
AAA245030

REACTIVITY
Human

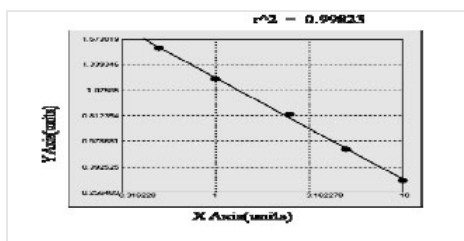
PRODUCT SYNONYMS

Proteasome subunit beta type 8 (PSMB8); Human Proteasome subunit beta type 8 (PSMB8) ELISA Kit; Human Proteasome subunit b type 8 (PSMB8) ELISA Kit; PSMB8 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	2.5-50ng/mL
Sensitivity	0.1ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PSMB8 elisa kit

Intended Uses: This PSMbeta8 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human PSMbeta8. This ELISA kit for research use only!

Principle of the Assay: PSMbeta8 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-PSMbeta8 antibody and an PSMbeta8-HRP conjugate. The assay sample and buffer are incubated together with PSMbeta8-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the PSMbeta8 concentration since PSMbeta8 from samples and PSMbeta8-HRP conjugate compete for the anti-PSMbeta8 antibody binding site. Since the number of sites is limited, as more sites are occupied by PSMbeta8 from the sample, fewer sites are left to bind PSMbeta8-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The PSMbeta8 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for PSMB8 elisa kit

Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	62955555
NCBI GeneID	550488
NCBI Accession #	NP_001017791.1
NCBI GenBank Nucleotide #	NM_001017791.1
NCBI Official Full Name	proteasome subunit beta type 8
NCBI Official Synonym Full Names	proteasome (prosome, macropain) subunit, beta type, 8f
NCBI Official Symbol	psmb8f
NCBI Official Synonym Symbols	zgc:110346
NCBI Protein Information	proteasome subunit beta type 8

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/proteasome-subunit-beta-type-8-psmb8/245030>