

Human Large Multifunctional Peptidase 7 (LMP7) ELISA Kit | LMP7 elisa kit

Human Large Multifunctional Peptidase 7 (LMP7) ELISA Kit

CATALOG #
AAA43249

REACTIVITY
Human

PRODUCT SYNONYMS

Large Multifunctional Peptidase 7 (LMP7); Human Large Multifunctional Peptidase 7 (LMP7) ELISA Kit; LMP7 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	272
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.1ng/ml - 40ng/ml
Sensitivity	0.04ng/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LMP7 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Large Multifunctional Peptidase 7 (also known as LMP7) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human LMP7 antibody. LMP7 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human LMP7 Antibody is added and binds to LMP7 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated LMP7 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human LMP7. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	34637
NCBI GeneID	5696
UniProt Accession #	P28062; Q29824; Q5JNW6; Q5QNR8; Q96J48; B0UZC0
Molecular Weight	29,770 Da
NCBI Official Full Name	LMP7
NCBI Official Synonym Full Names	proteasome subunit beta 8
NCBI Official Symbol	PSMB8
NCBI Official Synonym Symbols	JMP; ALDD; LMP7; NKJO; D6S216; PRAAS1; PSMB5i; RING10; D6S216E
NCBI Protein Information	proteasome subunit beta type-8
UniProt Protein Name	Proteasome subunit beta type-8
UniProt Gene Name	PSMB8
UniProt Synonym Gene Names	LMP7; PSMB5i; RING10; Y2

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/large-multifunctional-peptidase-7-lmp7/43249>