

Human Large Multifunctional Peptidase 2 (LMP2) RTU ELISA Kit | LMP2 rtu elisa kit

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CATALOG #
AAA216823

REACTIVITY
Human

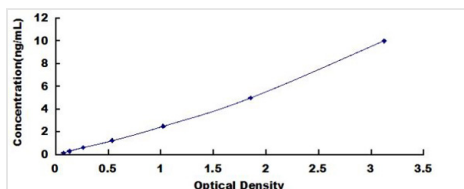
PRODUCT SYNONYMS

Large Multifunctional Peptidase 2 (LMP2); Human Large Multifunctional Peptidase 2 (LMP2) ELISA Kit; PSMB9; Proteasome(Prosome; Macropain)Subunit Beta Type 9; Macropain chain 7; Multicatalytic endopeptidase complex chain 7; Really interesting new gene 12 protein; LMP2 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	219
Assay Type	Sandwich
Samples	Tissue Homogenates, Cell Lysates or Other Biological Fluids.
Detection Range	0.156-10ng/mL
Sensitivity	0.051ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LMP2 rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to LMP2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to LMP2. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain LMP2, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of LMP2 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506205
NCBI GeneID	5698
NCBI Accession #	NP_002791.1
NCBI GenBank Nucleotide #	NM_002800.4
UniProt Accession #	P28065; Q16523; Q5JNW4; B0V0T1
Molecular Weight	22,328 Da
NCBI Official Full Name	proteasome subunit beta type-9
NCBI Official Synonym Full Names	proteasome subunit beta 9
NCBI Official Symbol	PSMB9
NCBI Official Synonym Symbols	LMP2; PSMB6i; RING12; beta1i
NCBI Protein Information	proteasome subunit beta type-9
UniProt Protein Name	Proteasome subunit beta type-9
UniProt Gene Name	PSMB9
UniProt Synonym Gene Names	LMP2; PSMB6i; RING12

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-rtu-elisa-kits/large-multifunctional-peptidase-2-lmp2/216823>