

Mouse Latent membrane protein-1 ELISA Kit | LMP-1 elisa kit

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CATALOG #
AAA83661

REACTIVITY
Mouse

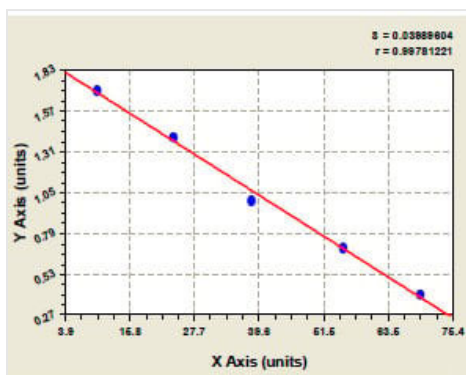
PRODUCT SYNONYMS

Latent membrane protein-1; Mouse Latent membrane protein-1 ELISA Kit; LMP-1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



ADDITIONAL INFORMATION

Related Product Information for LMP-1 elisa kit

Intended Uses: This LMP-1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse LMP-1.

Principle of the Assay: LMP-1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-LMP-1 antibody and an LMP-1-HRP conjugate. The assay sample and buffer are incubated together with LMP-1-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 LMP-1 concentration since LMP-1 from samples and LMP-1-HRP conjugate compete for the anti-LMP-1 antibody binding site. Since the number of sites is limited, as more sites are occupied by LMP-1 from the sample, fewer sites are left to bind LMP-1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The LMP-1 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	17550086
NCBI GeneID	180912
NCBI Accession #	NP_509072.1
NCBI GenBank Nucleotide #	NM_076671.4
UniProt Accession #	Q11117; T15389
Molecular Weight	25,792 Da
NCBI Official Full Name	Protein LMP-1
NCBI Official Symbol	Imp-1
NCBI Protein Information	Protein LMP-1
UniProt Protein Name	LAMP family protein Imp-1
UniProt Gene Name	Imp-1
UniProt Synonym Gene Names	C03B1.12
UniProt Entry Name	LMP1_CAEEL

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/imp-1-mouse-elisa-kits/latent-membrane-protein-1/83661>