

Mouse CMRF35-like molecule 7 ELISA Kit | CD300lb elisa kit

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CATALOG #
AAA101049

REACTIVITY
Mouse

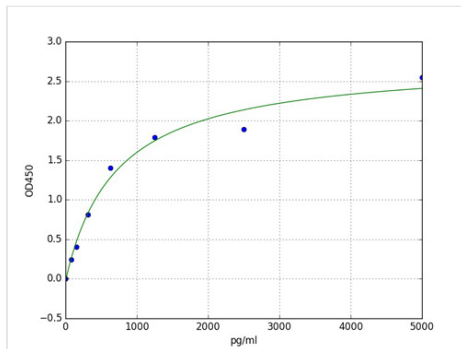
PRODUCT SYNONYMS

CMRF35-like molecule 7; Mouse CMRF35-like molecule 7 ELISA Kit; CD300lb/CD300LB/CMRF35-like molecule 7/CLM-7/Triggering receptor expressed on myeloid cells 5/TREM-5/Leukocyte mono-Ig-like receptor 5/Immune receptor expressed on myeloid cells 3/IREM-3/CD300 antigen-like family member B/CMRF35-A2; CD300lb elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	201
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	78.125-5000pg/ml
Sensitivity	46.875pg/ml
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

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Mouse CD300lb ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	pg/ml	0	78	156	312.5	625	1250	2500	5000
Y	OD450	0.004	0.175	0.304	0.631	0.995	1.657	1.832	2.152

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CD300lb elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Mouse CD300lb antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Mouse CD300lb antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash 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 Mouse CD300lb amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Mouse CD300lb can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	510936990
NCBI GeneID	124599
NCBI Accession #	NP_777552.3
NCBI GenBank Nucleotide #	NM_174892.3
Molecular Weight	22,689 Da
NCBI Official Full Name	CMRF35-like molecule 7
NCBI Official Synonym Full Names	CD300 molecule like family member b
NCBI Official Symbol	CD300LB
NCBI Official Synonym Symbols	CLM7; CLM-7; IREM3; TREM5; CD300b; IREM-3; TREM-5; CMRF35-A2
NCBI Protein Information	CMRF35-like molecule 7
UniProt Protein Name	CMRF35-like molecule 7
UniProt Gene Name	CD300LB
UniProt Synonym Gene Names	CD300B; CLM7; CMRF35A2; IREM3; LMIR5; TREM5; CLM-7; IREM-3; TREM-5
UniProt Entry Name	CLM7_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://stage.aaabiotech.com/cd300lb-mouse-elisa-kits/cmrf35-like-molecule-7/101049>