

Human CD300LG (CMRF35-like molecule 9) ELISA Kit | CD300LG elisa kit

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CATALOG #
AAA249364

REACTIVITY
Human

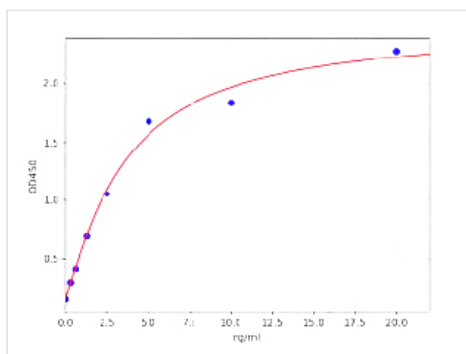
PRODUCT SYNONYMS

CD300LG (CMRF35-like molecule 9); Human CD300LG (CMRF35-like molecule 9) ELISA Kit; CMRF35-like molecule 9; CLM-9; CD300 antigen-like family member G; Triggering receptor expressed on myeloid cells 4; TREM-4; CD300g; CD300LG; CLM9; TREM4; UNQ422; PRO846; CD300LG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of CD300LG. No significant cross-reactivity or interference between CD300LG and analogues was observed.
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
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)

ADDITIONAL INFORMATION

Related Product Information for CD300LG elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96-well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed 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 target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	270132789
NCBI GeneID	146894
NCBI Accession #	NP_001161794.1
NCBI GenBank Nucleotide #	NM_001168322.1
UniProt Accession #	Q6UXG3; Q8IX38; Q8IX39; Q8TA95; B4DNY5; F5H7P9; F8W9M3
Molecular Weight	36,060 Da
NCBI Official Full Name	CMRF35-like molecule 9 isoform 4
NCBI Official Synonym Full Names	CD300 molecule-like family member g
NCBI Official Symbol	CD300LG
NCBI Official Synonym Symbols	CLM9; CLM-9; TREM4; TREM-4; NEPMUCIN
NCBI Protein Information	CMRF35-like molecule 9; CD300 antigen like family member G; CD300 antigen-like family member G; CD300 molecule like family member g; triggering receptor expressed on myeloid cells 4
UniProt Protein Name	CMRF35-like molecule 9
UniProt Gene Name	CD300LG
UniProt Synonym Gene Names	CLM9; TREM4; CLM-9; TREM-4
UniProt Entry Name	CLM9_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/human-elisa-kits/cd300lg-cmrf35-like-molecule-9/249364>