

Human CMRF35 like molecule 6 (CD300C) ELISA Kit | CD300C elisa kit

Human CMRF35 like molecule 6 (CD300C) ELISA Kit

CATALOG #
AAA246503

REACTIVITY
Human

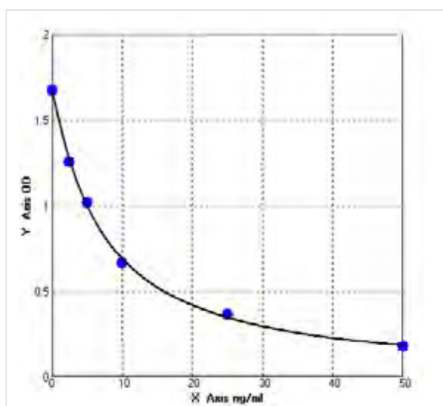
PRODUCT SYNONYMS

CMRF35 like molecule 6 (CD300C); Human CMRF35 like molecule 6 (CD300C) ELISA Kit; CD300C elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of CD300C. No significant cross-reactivity or interference between CD300C and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between CD300C and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	0.1 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CD300C elisa kit	Principle of the Assay: CD300C ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-CD300C antibody and an CD300C-HRP conjugate. The assay sample and buffer are incubated together with CD300C-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 CD300C concentration since CD300C from samples and CD300C-HRP conjugate compete for the anti-CD300C antibody binding site. Since the number of sites is limited, as more sites are occupied by CD300C from the sample, fewer sites are left to bind CD300C-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CD300C concentration in each sample is interpolated from this standard curve. Intended Uses: This CD300C ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human CD300C. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for CD300C elisa kit	Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	5729776
NCBI GeneID	10871
NCBI Accession #	NP_006669.1
NCBI GenBank Nucleotide #	NM_006678.4
Molecular Weight	24,830 Da
NCBI Official Full Name	CMRF35-like molecule 6
NCBI Official Synonym Full Names	CD300c molecule
NCBI Official Symbol	CD300C
NCBI Official Synonym Symbols	LIR; CLM-6; CMRF35; IGSF16; CMRF-35; CMRF35A; CMRF-35A; CMRF35A1; CMRF35-A1
NCBI Protein Information	CMRF35-like molecule 6; CD300c antigen; CMRF35 antigen; CD300 antigen-like family member C; immunoglobulin superfamily member 16; CMRF35 leukocyte immunoglobulin-like receptor; CMRF35A leukocyte immunoglobulin-like receptor
UniProt Protein Name	CMRF35-like molecule 6
UniProt Gene Name	CD300C
UniProt Synonym Gene Names	CMRF35; CMRF35A; CMRF35A1; IGSF16; CLM-6; CMRF-35; IgSF16
UniProt Entry Name	CLM6_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/cmrf35-like-molecule-6-cd300c/246503>