

Human CD302 antigen (CD302) ELISA Kit | CD302 elisa kit

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CATALOG #
AAA246887

REACTIVITY
Human

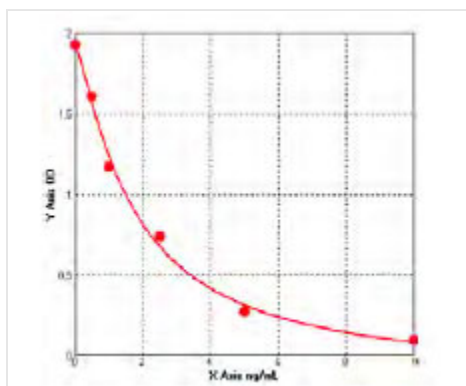
PRODUCT SYNONYMS

CD302 antigen (CD302); Human CD302 antigen (CD302) ELISA Kit; CD302 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
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



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CD302 elisa kit

Intended Uses: This CD302 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human CD302. This ELISA kit for research use only!

Principle of the Assay: CD302 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-CD302 antibody and an CD302-HRP conjugate. The assay sample and buffer are incubated together with CD302-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 CD302 concentration since CD302 from samples and CD302-HRP conjugate compete for the anti-CD302 antibody binding site. Since the number of sites is limited, as more sites are occupied by CD302 from the sample, fewer sites are left to bind CD302-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CD302 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	26892293
NCBI GeneID	9936
NCBI Accession #	NP_055695.2
NCBI GenBank Nucleotide #	NM_014880.4
Molecular Weight	215,781 Da
NCBI Official Full Name	CD302 antigen isoform 1
NCBI Official Synonym Full Names	CD302 molecule
NCBI Official Symbol	CD302
NCBI Official Synonym Symbols	DCL1; DCL-1; BIMLEC; CLEC13A
NCBI Protein Information	CD302 antigen; DEC205-associated C-type lectin 1; C-type lectin domain family 13, member A; type I transmembrane C-type lectin receptor DCL-1
UniProt Protein Name	CD302 antigen
UniProt Gene Name	CD302
UniProt Synonym Gene Names	CLEC13A; DCL1; KIAA0022
UniProt Entry Name	CD302_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.