

Human Cell surface glycoprotein CD200 receptor 1 (CD200R1) ELISA Kit | CD200R1 elisa kit

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CATALOG #
AAA245841

REACTIVITY
Human

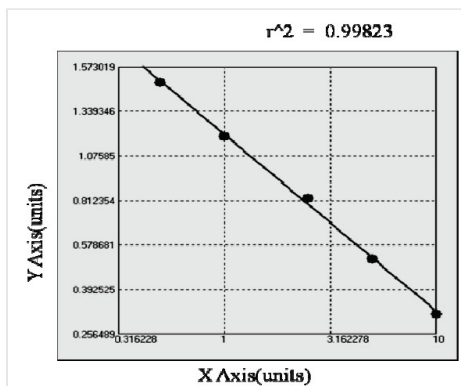
PRODUCT SYNONYMS

Cell surface glycoprotein CD200 receptor 1 (CD200R1); Human Cell surface glycoprotein CD200 receptor 1 (CD200R1) ELISA Kit; CD200R1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	This CD200R1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human CD200R1. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CD200R1 elisa kit

Principle of the assay: CD200R1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-CD200R1 antibody and an CD200R1-HRP conjugate. The assay sample and buffer are incubated together with CD200R1-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 CD200R1 concentration since CD200R1 from samples and CD200R1-HRP conjugate compete for the anti-CD200R1 antibody binding site. Since the number of sites is limited, as more sites are occupied by CD200R1 from the sample, fewer sites are left to bind CD200R1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CD200R1 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	20270365
NCBI GeneID	131450
NCBI Accession #	NP_620161.1
NCBI GenBank Nucleotide #	NM_138806.3
Molecular Weight	39,056 Da
NCBI Official Full Name	cell surface glycoprotein CD200 receptor 1 isoform a
NCBI Official Synonym Full Names	CD200 receptor 1
NCBI Official Symbol	CD200R1
NCBI Official Synonym Symbols	OX2R; MOX2R; CD200R; HCRTR2
NCBI Protein Information	cell surface glycoprotein CD200 receptor 1; MOX2 receptor; CD200 cell surface glycoprotein receptor; cell surface glycoprotein OX2 receptor 1; cell surface glycoprotein receptor CD200
UniProt Protein Name	Cell surface glycoprotein CD200 receptor 1
UniProt Gene Name	CD200R1
UniProt Synonym Gene Names	CD200R; CRTR2; MOX2R; OX2R; UNQ2522/PRO6015
UniProt Entry Name	MO2R1_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.