

Rat CD200 molecule ELISA Kit | CD200 elisa kit

Rat OX-2 membrane glycoprotein, CD200 ELISA Kit

CATALOG #
AAA112995

REACTIVITY
Rat

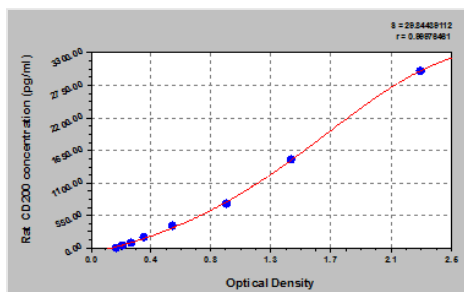
PRODUCT SYNONYMS

CD200 molecule; Rat OX-2 membrane glycoprotein; CD200 ELISA Kit; Rat OX-2 membrane glycoprotein (CD200) ELISA kit; MOX1; MOX2; MRC; OX-2; CD200 antigen; MRC OX-2 antigen; OX-2 membrane glycoprotein; antigen identified by monoclonal antibody MRC OX-2; CD200 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of rat CD200. No significant cross-reactivity or interference between rat CD200 and analogues was observed.
Sequence Length	278
Samples	Serum, plasma, tissue homogenates
Assay Type	Sandwich
Detection Range	47 pg/ml-3000 pg/ml.
Sensitivity	The minimum detectable dose of rat CD200 is typically less than 11.75 pg/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CD200 elisa kit	Principle of the assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for CD200 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any CD200 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for CD200 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of CD200 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	129300
NCBI GeneID	24560
UniProt Accession #	P04218
Molecular Weight	31,088 Da
NCBI Official Full Name	OX-2 membrane glycoprotein
NCBI Official Synonym Full Names	Cd200 molecule
NCBI Official Symbol	Cd200
NCBI Official Synonym Symbols	Mox2; Cspmo2; MRCOX2
NCBI Protein Information	OX-2 membrane glycoprotein; Cd200 antigen; MRC OX-2 antigen; cell surface protein (thymocyte antigen identified by monoclonal antibody MRC-OX2)
UniProt Protein Name	OX-2 membrane glycoprotein
UniProt Gene Name	Cd200
UniProt Synonym Gene Names	Mox2
UniProt Entry Name	OX2G_RAT

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://www.aaabiotech.com/rat-elisa-kits/cd200-molecule/112995>