

Human OX-2 membrane glycoprotein ELISA Kit | CD200 elisa kit

Human OX-2 membrane glycoprotein ELISA Kit

CATALOG #
AAA101045

REACTIVITY
Human

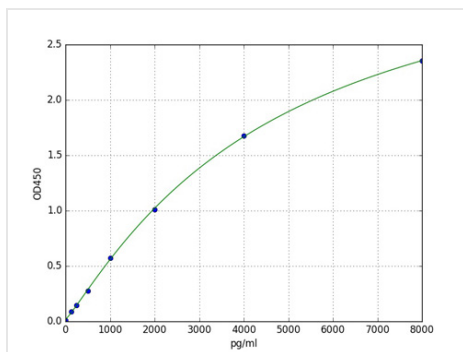
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	269
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	125-8000pg/ml
Sensitivity	75pg/ml
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)

Typical Data & Standard Curve

Results of a typical standard run of a CD200 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	pg/ml	0	125	250	500	1000	2000	4000	8000
Y	OD450	0.018	0.147	0.286	0.439	0.821	1.157	1.846	2.657

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CD200 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-CD200 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-CD200 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash 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 CD200 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of CD200 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	90903247
NCBI GeneID	4345
NCBI Accession #	NP_005935.4
NCBI GenBank Nucleotide #	NM_005944.6
Molecular Weight	32,975 Da
NCBI Official Full Name	OX-2 membrane glycoprotein isoform a
NCBI Official Synonym Full Names	CD200 molecule
NCBI Official Symbol	CD200
NCBI Official Synonym Symbols	MRC; MOX1; MOX2; OX-2
NCBI Protein Information	OX-2 membrane glycoprotein
UniProt Protein Name	OX-2 membrane glycoprotein
UniProt Gene Name	CD200
UniProt Synonym Gene Names	MOX1; MOX2
UniProt Entry Name	OX2G_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/cd200-human-elisa-kits/ox-2-membrane-glycoprotein/101045>