

Mouse CD160 antigen (CD160) ELISA Kit | CD160 elisa kit

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CATALOG #
AAA246748

REACTIVITY
Mouse

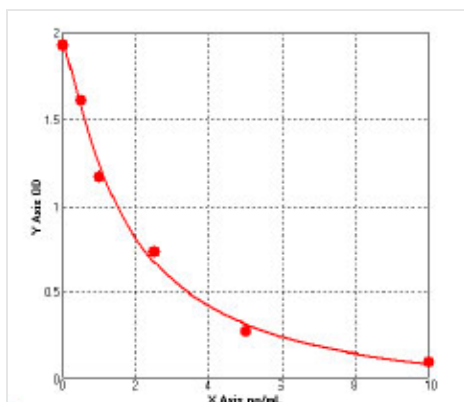
PRODUCT SYNONYMS

CD160 antigen (CD160); Mouse CD160 antigen (CD160) ELISA Kit; CD160 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
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 CD160 elisa kit

Intended Uses: This CD15 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of HumanCD15. This ELISA kit for research use only!

Principle of the Assay: CD15 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-CD15 antibody and an CD15-HRP conjugate. The assay sample and buffer are incubated together with CD15-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 CD15 concentration since CD15 from samples and CD15-HRP conjugate compete for the anti-CD15 antibody binding site. Since the number of sites is limited, as more sites are occupied by CD15 from the sample, fewer sites are left to bind CD15-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CD15 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	5901910
NCBI GeneID	11126
NCBI Accession #	NP_008984.1
NCBI GenBank Nucleotide #	NM_007053.3
Molecular Weight	19,810 Da
NCBI Official Full Name	CD160 antigen
NCBI Official Synonym Full Names	CD160 molecule
NCBI Official Symbol	CD160
NCBI Official Synonym Symbols	NK1; BY55; NK28
NCBI Protein Information	CD160 antigen; CD160-delta Ig; CD160 transmembrane isoform; natural killer cell receptor BY55; natural killer cell receptor, immunoglobulin superfamily member
UniProt Protein Name	CD160 antigen
UniProt Gene Name	CD160
UniProt Synonym Gene Names	BY55
UniProt Entry Name	BY55_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.