

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

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CATALOG #
AAA246069

REACTIVITY
Human

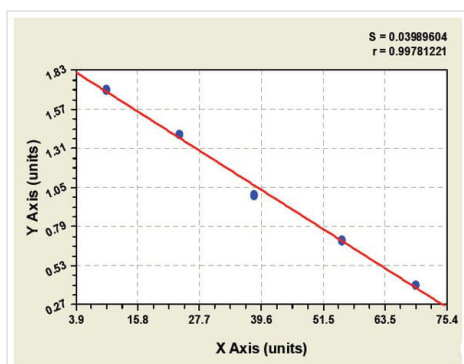
PRODUCT SYNONYMS

CD160 antigen (CD160); Human CD160 antigen (CD160) ELISA Kit; CD160 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 CD160 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human CD160. 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 CD160
elisa kit

Principle of the assay: CD160 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-CD160 antibody and an CD160-HRP conjugate. The assay sample and buffer are incubated together with CD160-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 CD160 concentration since CD160 from samples and CD160-HRP conjugate compete for the anti-CD160 antibody binding site. Since the number of sites is limited, as more sites are occupied by CD160 from the sample, fewer sites are left to bind CD160-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CD160 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for CD160
elisa kit

Immunology

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.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/cd160-antigen-cd160/246069>