

Human CD320/8D6A ELISA Kit | CD320 elisa kit

Human CD320/8D6A PicoKine Quick ELISA Kit

CATALOG # AAA126832	REACTIVITY Human	APPLICATIONS ELISA
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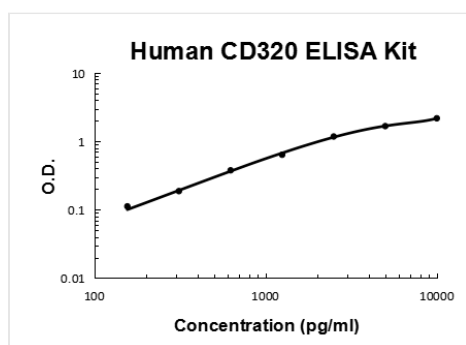
PRODUCT SYNONYMS

CD320/8D6A; Human CD320/8D6A PicoKine Quick ELISA Kit; CD320 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Natural and recombinant Human CD320
Assay Type	Sandwich
Samples	Cell culture supernatants, serum, plasma (heparin, EDTA) and urine
Detection Range	156 pg/ml - 10,000 pg/ml
Sensitivity	<10 pg/ml
Applicable Applications for CD320 elisa kit	ELISA
Intra-assay Precision	Intra-Assay Precision (Precision within an assay): Three samples of known concentration were tested on one plate to assess intra-assay precision.
Inter-assay Precision	Inter-Assay Precision (Precision across assays): Three samples of known concentration were tested in separate assays to assess inter-assay precision.
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles (Ships with gel ice, can store for up to 3 days in room temperature. Freeze upon receiving.)

IMAGES



Standard Curve (Sample)

Human CD320 PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for CD320 elisa kit	Background: CD320(cluster of differentiation 320), also known as 8D6A or TCBLR, is a human gene. It is mapped to chromosome 19p13.2. This gene encodes the transcobalamin receptor that is expressed at the cell surface. It mediates the cellular uptake of transcobalamin bound cobalamin(vitamin B12), and the expression of CD320 enhanced B-cell proliferation and immunoglobulin secretion. Mutations in this gene are associated with methylmalonic aciduria. It has been found that antagonists of the CD320 signaling pathway may counter the growth of follicular lymphomas or other tumors that metastasize to lymphoid follicles. CD320 is also a specific receptor for uptake of TCN2-bound cobalamin. Principle of the Assay: The Quick Picokine™ Human CD320 Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid phase immunoassay specially designed to measure Human CD320 in cell culture supernatants, serum, plasma (heparin, EDTA) and urine. It uses our proprietary Quick ELISA technology. Quick ELISA technology employs capture antibodies conjugated to an affinity tag that is recognized by the polyclonal antibody used to coat our Quick ELISA plates. This approach to sandwich ELISA allows the formation of the antibody-analyte sandwich complex in a single step, significantly reducing assay time. The kit includes Human CD320 protein as standards. To measure Human CD320, add standards and samples to the wells, then add antibody cocktail. Wash the wells with PBS or TBS buffer, and add TMB. TMB is an HRP substrate and will be catalyzed to produce a blue color product, which changes into yellow after adding the acidic stop solution. The absorbance of the yellow product is linearly proportional to Human CD320 in the sample. Read the absorbance of the yellow product in each well using a plate reader, and benchmark the sample wells' readings against the standard curve to determine the concentration of Human CD320 in the sample.
Product Categories/Family for CD320 elisa kit	PicoKine ELISA Kits, Fast ELISA Kits

NCBI AND UNIPROT INFORMATION

NCBI GI #	74734303
NCBI GeneID	51293
UniProt Accession #	Q9NPF0; Q53HF7; B2RDS5; D6W668; F5H6D3
Molecular Weight	24,371 Da
NCBI Official Full Name	CD320 antigen
NCBI Official Synonym Full Names	CD320 molecule
NCBI Official Symbol	CD320
NCBI Official Synonym Symbols	8D6; 8D6A; TCBLR
NCBI Protein Information	CD320 antigen
UniProt Protein Name	CD320 antigen
UniProt Gene Name	CD320
UniProt Synonym Gene Names	8D6A; TCbIR

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/cd320-8d6a/126832>