

Human CD320 Antigen (CD320) ELISA Kit | CD320 elisa kit

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CATALOG #
AAA219775

REACTIVITY
Human

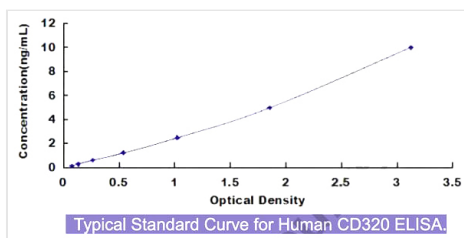
PRODUCT SYNONYMS

CD320 Antigen (CD320); Human CD320 Antigen (CD320) ELISA Kit; 8D6 antigen; FDC-signaling molecule 8D6; Transcobalamin receptor; CD320 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of CD320. No significant cross-reactivity or interference between CD320 and analogues was observed.
Assay Type	Quantitative Sandwich
Samples	Human serum, plasma, tissue homogenates and other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	< 0.058ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level CD320 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level CD320 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Shelf Life: 12 months

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CD320 elisa kit

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to CD320. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to CD320. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain CD320, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of CD320 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of CD320 in human serum, plasma, tissue homogenates and other biological fluids.

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-antigen-cd320/219775>