

Chicken CD320 antigen (CD320) ELISA Kit | CD320 elisa kit

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CATALOG #
AAA244770

REACTIVITY
Chicken

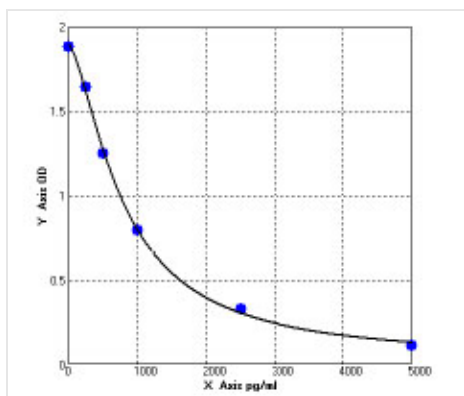
PRODUCT SYNONYMS

CD320 antigen (CD320); Chicken CD320 antigen (CD320) ELISA Kit; CD320 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
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. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between CD320 and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CD320 elisa kit	Intended Uses: This CD320 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken CD320. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: CD320 ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-CD320 antibody and an CD320-HRP conjugate. The assay sample and buffer are incubated together with CD320-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 CD320 concentration since CD320 from samples and CD320-HRP conjugate compete for the anti-CD320 antibody binding site. Since the number of sites is limited, as more sites are occupied by CD320 from the sample, fewer sites are left to bind CD320-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CD320 concentration in each sample is interpolated from this standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	259906403
NCBI GeneID	51293
NCBI Accession #	NP_001159367.1
NCBI GenBank Nucleotide #	NM_001165895.1
Molecular Weight	24,371 Da
NCBI Official Full Name	CD320 antigen isoform 2
NCBI Official Synonym Full Names	CD320 molecule
NCBI Official Symbol	CD320
NCBI Official Synonym Symbols	8D6; 8D6A; TCBLR
NCBI Protein Information	CD320 antigen; FDC-SM-8D6; 8D6 antigen; transcobalamin receptor; FDC-signaling molecule 8D6
UniProt Protein Name	CD320 antigen
UniProt Gene Name	CD320
UniProt Synonym Gene Names	8D6A; UNQ198/PRO224; FDC-SM-8D6; TCbIR
UniProt Entry Name	CD320_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.