

Rat CD5 Antigen-like/scavenger receptor cysteine rich family ELISA Kit | CD5L elisa kit

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CATALOG #
AAA82376

REACTIVITY
Rat

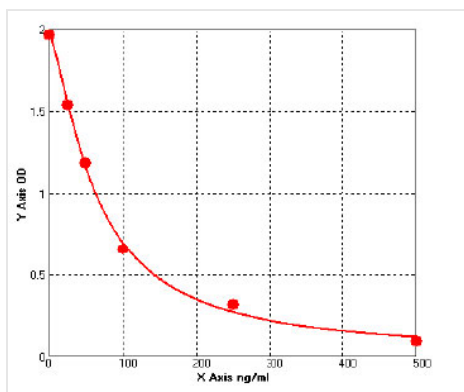
PRODUCT SYNONYMS

CD5 Antigen-like/scavenger receptor cysteine rich family; Rat CD5 Antigen-like/scavenger receptor cysteine rich family ELISA Kit; CD5L elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of CD5L. No significant cross-reactivity or interference between CD5L and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between CD5L and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	1.0 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CD5L elisa kit	Principle of the Assay: CD5L ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-CD5L antibody and an CD5L-HRP conjugate. The assay sample and buffer are incubated together with CD5L-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 CD5L concentration since CD5L from samples and CD5L-HRP conjugate compete for the anti-CD5L antibody binding site. Since the number of sites is limited, as more sites are occupied by CD5L from the sample, fewer sites are left to bind CD5L-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CD5L concentration in each sample is interpolated from this standard curve. Intended Uses: This CD5L ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat CD5L. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for CD5L elisa kit	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	5174411
NCBI GeneID	922
NCBI Accession #	NP_005885.1
NCBI GenBank Nucleotide #	NM_005894.2
Molecular Weight	38,088 Da
NCBI Official Full Name	CD5 antigen-like
NCBI Official Synonym Full Names	CD5 molecule-like
NCBI Official Symbol	CD5L
NCBI Official Synonym Symbols	AIM; API6; PRO229; Spalpha; SP-ALPHA
NCBI Protein Information	CD5 antigen-like; CT-2; apoptosis inhibitor 6; igM-associated peptide; CD5 antigen-like (scavenger receptor cysteine rich family)
UniProt Protein Name	CD5 antigen-like
UniProt Gene Name	CD5L
UniProt Synonym Gene Names	API6; UNQ203/PRO229
UniProt Entry Name	CD5L_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/cd5l-rat-elisa-kits/cd5-antigen-like-scavenger-receptor-cysteine-rich-family/82376>