

Human CD5 Antigen Like Protein (CD5L) ELISA Kit | CD5L elisa kit

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CATALOG #
AAA187703

REACTIVITY
Human

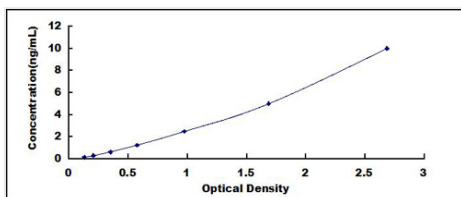
PRODUCT SYNONYMS

CD5 Antigen Like Protein (CD5L); Human CD5 Antigen Like Protein (CD5L) ELISA Kit; API6; CT-2; SP-ALPHA; Spalpa; Apoptosis Inhibitor 6; Scavenger Receptor Cysteine Rich Family; IgM-associated peptide; CD5L elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of CD5 Antigen Like Protein (CD5L). No significant cross-reactivity or interference between CD5 Antigen Like Protein (CD5L) and analogues was observed.
Sequence Length	347
Assay Type	Double-antibody Sandwich
Samples	Serum, Plasma, Tissue Homogenates, Cell Lysates and Other Biological Fluids
Detection Range	0.156-10ng/mL
Sensitivity	< 0.056ng/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level CD5 Antigen Like Protein (CD5L) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level CD5 Antigen Like Protein (CD5L) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CD5L elisa kit	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to CD5 Antigen Like Protein (CD5L). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to CD5 Antigen Like Protein (CD5L). 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 CD5 Antigen Like Protein (CD5L), 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 ± 10nm. The concentration of CD5 Antigen Like Protein (CD5L) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	5174411
NCBI GeneID	922
NCBI Accession #	NP_005885.1
NCBI GenBank Nucleotide #	NM_005894.2
UniProt Accession #	O43866; Q6UX63; A8K7M5
Molecular Weight	38,088 Da
NCBI Official Full Name	CD5 antigen-like isoform 1
NCBI Official Synonym Full Names	CD5 molecule like
NCBI Official Symbol	CD5L
NCBI Official Synonym Symbols	AIM; API6; CT-2; hAIM; PRO229; Spalpha; SP-ALPHA
NCBI Protein Information	CD5 antigen-like
UniProt Protein Name	CD5 antigen-like
UniProt Gene Name	CD5L
UniProt Synonym Gene Names	API6; hAIM

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.