

Human Complement Component 1, Q Subcomponent Like Protein 1 (C1qL1) ELISA Kit | C1qL1 elisa kit

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CATALOG #
AAA63860

REACTIVITY
Human

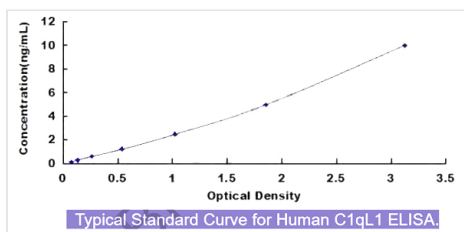
PRODUCT SYNONYMS

Complement Component 1; Q Subcomponent Like Protein 1 (C1qL1); Human Complement Component 1; Q Subcomponent Like Protein 1 (C1qL1) ELISA Kit; CRF; C1QRF; CTRP14; C1q-related factor; C1q and tumor necrosis factor-related protein 14; C1qL1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of C1qL1. No significant cross-reactivity or interference between C1qL1 and analogues was observed.
Sequence Length	258
Assay Type	Quantitative Sandwich
Samples	Human tissue homogenates or other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	< 0.053ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level C1qL1 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 C1qL1 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for C1qL1 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to C1qL1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to C1qL1. 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 C1qL1, 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 C1qL1 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 C1qL1 in human tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	5729785
NCBI GeneID	10882
NCBI Accession #	NP_006679.1
NCBI GenBank Nucleotide #	NM_006688.4
UniProt Accession #	O75973
Molecular Weight	26,453 Da
NCBI Official Full Name	C1q-related factor
NCBI Official Synonym Full Names	complement C1q like 1
NCBI Official Symbol	C1QL1
NCBI Official Synonym Symbols	CRF; C1QRF; C1QTNF14
NCBI Protein Information	C1q-related factor
UniProt Protein Name	C1q-related factor
UniProt Gene Name	C1QL1
UniProt Synonym Gene Names	C1QRF; CRF; CTRP14; C1q/TNF-related protein 14

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/complement-component-1-q-subcomponent-like-protein-1-c1ql1/63860>