

Human C1qL3 (Complement Component 1, Q Subcomponent Like Protein 3) ELISA Kit | C1qL3 elisa kit

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CATALOG #
AAA277800

REACTIVITY
Human

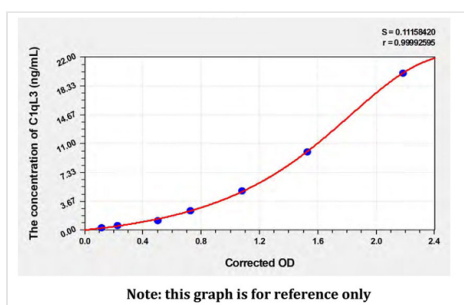
PRODUCT SYNONYMS

C1qL3 (Complement Component 1; Q Subcomponent Like Protein 3); Human C1qL3 (Complement Component 1; Q Subcomponent Like Protein 3) ELISA Kit; C1q and tumor necrosis factor-related protein 13 (C1q/TNF-related protein 13); C1qL3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human C1qL3. No significant cross-reactivity or interference between Human C1qL3 and analogues was observed.
Assay Type	Sandwich
Detection Range	0.32-20 ng/mL
Sensitivity	0.14 ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay)? CV% < 8%. Three samples of known concentration were tested twenty times on 1 plate to assess intra-assay precision.
Inter-assay Precision	Inter-assay Precision (precision between assays)? CV% < 10%. Three samples of known concentration were tested in forty separate assays to assess inter-assay precision.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for C1qL3 elisa kit

Principle of the Assay: 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 Human C1qL3. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human C1qL3. 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 Human C1qL3, 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 Human C1qL3 in the samples is then determined by comparing the OD of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	58801559
NCBI GeneID	389941
NCBI Accession #	NP_001010908.1
NCBI GenBank Nucleotide #	NM_001010908.1
UniProt Accession #	Q5VWW1; A0PJY4; A0PJY5
Molecular Weight	24,517 Da
NCBI Official Full Name	complement C1q-like protein 3
NCBI Official Synonym Full Names	complement C1q like 3
NCBI Official Symbol	C1QL3
NCBI Official Synonym Symbols	C1ql; K100; CTRP13; C1QTNF13
NCBI Protein Information	complement C1q-like protein 3
UniProt Protein Name	Complement C1q-like protein 3
UniProt Gene Name	C1QL3
UniProt Synonym Gene Names	CTRP13; C1q/TNF-related protein 13

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/c1ql3-complement-component-1-q-subcomponent-like-protein-3/277800>