

Human Complement C1q like protein 3 (C1QL3) ELISA Kit | C1QL3 elisa kit

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CATALOG #
AAA244815

REACTIVITY
Human

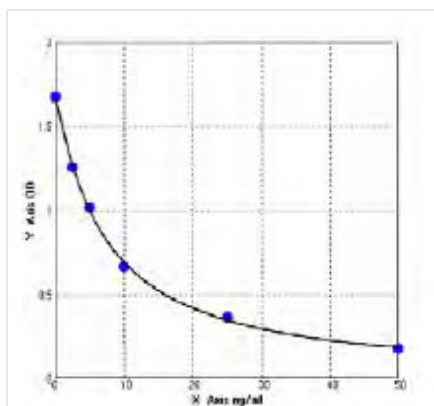
PRODUCT SYNONYMS

Complement C1q like protein 3 (C1QL3); Human Complement C1q like protein 3 (C1QL3) ELISA Kit; C1QL3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of C1QL3. No significant cross-reactivity or interference between C1QL3 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between C1QL3 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	0.1 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for C1QL3 elisa kit	Intended Uses: This C1QL3 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human C1QL3. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: C1QL3 ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-C1QL3 antibody and an C1QL3-HRP conjugate. The assay sample and buffer are incubated together with C1QL3-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 C1QL3 concentration since C1QL3 from samples and C1QL3-HRP conjugate compete for the anti-C1QL3 antibody binding site. Since the number of sites is limited, as more sites are occupied by C1QL3 from the sample, fewer sites are left to bind C1QL3-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The C1QL3 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for C1QL3 elisa kit	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	58801559
NCBI GeneID	389941
NCBI Accession #	NP_001010908.1
NCBI GenBank Nucleotide #	NM_001010908.1
Molecular Weight	22,774 Da
NCBI Official Full Name	complement C1q-like protein 3
NCBI Official Synonym Full Names	complement component 1, q subcomponent-like 3
NCBI Official Symbol	C1QL3
NCBI Official Synonym Symbols	C1ql; K100; CTRP13; C1QTNF13
NCBI Protein Information	complement C1q-like protein 3; C1q/TNF-related protein 13; C1q and tumor necrosis factor-related protein 13
UniProt Protein Name	Complement C1q-like protein 3
UniProt Gene Name	C1QL3
UniProt Synonym Gene Names	CTRP13; C1q/TNF-related protein 13
UniProt Entry Name	C1QL3_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/human-elisa-kits/complement-c1q-like-protein-3-c1ql3/244815>