

Human Complement C1q subcomponent subunit A (C1QA) ELISA Kit | C1QA elisa kit

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CATALOG #
AAA245704

REACTIVITY
Human

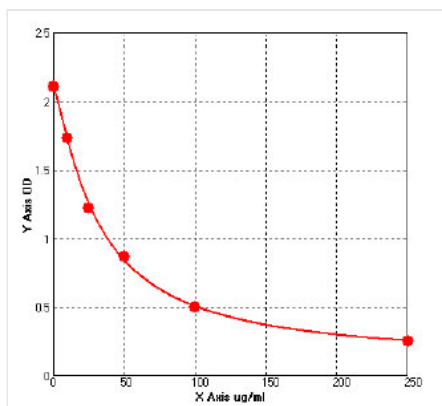
PRODUCT SYNONYMS

Complement C1q subcomponent subunit A (C1QA); Human Complement C1q subcomponent subunit A (C1QA) ELISA Kit; C1QA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of C1QA. No significant cross-reactivity or interference between C1QA and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between C1QA 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	1.0 ug/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for C1QA elisa kit	Intended Uses: This C1QA ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human C1QA. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: C1QA ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-C1QA antibody and an C1QA-HRP conjugate. The assay sample and buffer are incubated together with C1QA-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 C1QA concentration since C1QA from samples and C1QA-HRP conjugate compete for the anti-C1QA antibody binding site. Since the number of sites is limited, as more sites are occupied by C1QA from the sample, fewer sites are left to bind C1QA-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The C1QA concentration in each sample is interpolated from this standard curve.
Product Categories/Family for C1QA elisa kit	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	7705753
NCBI GeneID	712
NCBI Accession #	NP_057075.1
NCBI GenBank Nucleotide #	NM_015991.2
Molecular Weight	26,017 Da
NCBI Official Full Name	complement C1q subcomponent subunit A
NCBI Official Synonym Full Names	complement component 1, q subcomponent, A chain
NCBI Official Symbol	C1QA
NCBI Protein Information	complement C1q subcomponent subunit A; complement component C1q, A chain; complement component 1, q subcomponent, alpha polypeptide
UniProt Protein Name	Complement C1q subcomponent subunit A
UniProt Gene Name	C1QA
UniProt Entry Name	C1QA_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.