

Human Complement component C6 (C6) ELISA Kit | C6 elisa kit

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CATALOG #
AAA244905

REACTIVITY
Human

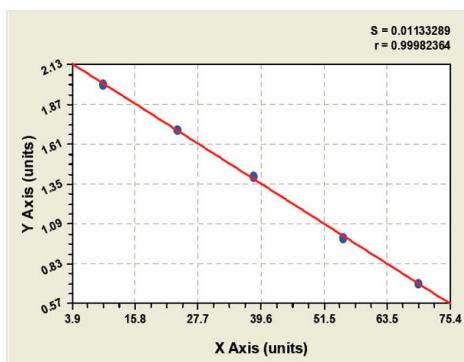
PRODUCT SYNONYMS

Complement component C6 (C6); Human Complement component C6 (C6) ELISA Kit; C6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 ng/mL.
Intended Uses	This C6 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human C6. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for C6 elisa kit

Principle of the assay: C6 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-C6 antibody and an C6-HRP conjugate. The assay sample and buffer are incubated together with C6-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 C6 concentration since C6 from samples and C6-HRP conjugate compete for the anti-C6 antibody binding site. Since the number of sites is limited, as more sites are occupied by C6 from the sample, fewer sites are left to bind C6-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The C6 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for C6 elisa kit

Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	189242612
NCBI GeneID	729
NCBI Accession #	NP_001108603.2
NCBI GenBank Nucleotide #	NM_001115131.2
Molecular Weight	104,786 Da
NCBI Official Full Name	complement component C6
NCBI Official Synonym Full Names	complement component 6
NCBI Official Symbol	C6
NCBI Protein Information	complement component C6
UniProt Protein Name	Complement component C6
UniProt Gene Name	C6
UniProt Entry Name	CO6_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-component-c6-c6/244905>