

Human complement component 6 ELISA Kit | C6 elisa kit

Human Complement component C6, C6 ELISA Kit

CATALOG #
AAA112863

REACTIVITY
Human

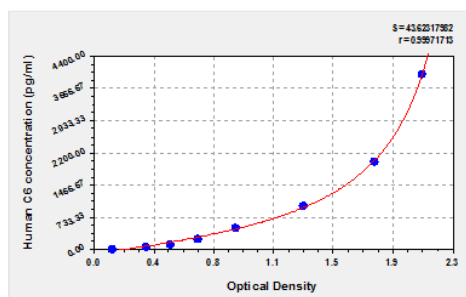
PRODUCT SYNONYMS

complement component 6; Human Complement component C6; C6 ELISA Kit; Human Complement component C6 (C6) ELISA kit; C6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human C6. No significant cross-reactivity or interference between human C6 and analogues was observed.
Sequence Length	934
Samples	Serum, plasma, tissue homogenates
Assay Type	Sandwich
Detection Range	62.5 pg/ml -4000 pg/ml.
Sensitivity	The minimum detectable dose of human C6 is typically less than 15.6 pg/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for C6 elisa kit	Principle of the assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for C6 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any C6 present is bound by the immobilized antibody. After removing any unbound substances, a Horseradish Peroxidase (HRP)-conjugated antibody specific for C6 is added to the wells. Following a wash to remove any unbound reagent, a substrate solution is added to the wells and color develops in proportion to the amount of C6 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	169636415
NCBI GeneID	729
NCBI Accession #	NP_000056.2
NCBI GenBank Nucleotide #	NM_000065.3
UniProt Accession #	P13671
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/c6-human-elisa-kits/complement-component-6/112863>