

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

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CATALOG #
AAA246434

REACTIVITY
Rat

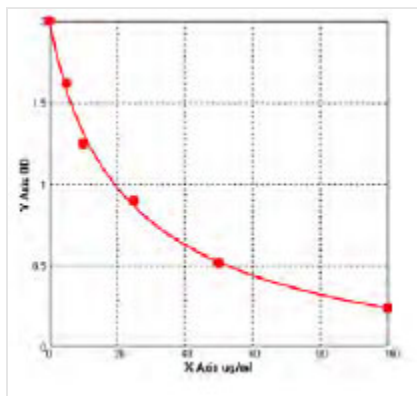
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of C6. No significant cross-reactivity or interference between C6 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between C6 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 ?g/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for C6 elisa kit	Intended Uses: This C6 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat C6. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: C6 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal 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/rat-elisa-kits/complement-component-c6-c6/246434>