

Monkey Complement Component 3 ELISA Kit | C3 elisa kit

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CATALOG #
AAA16866

REACTIVITY
Monkey

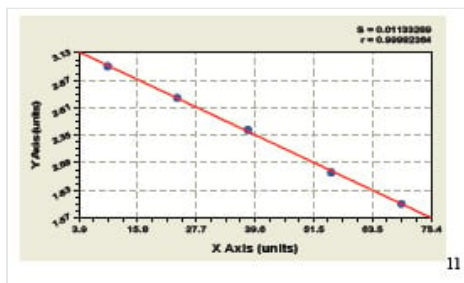
PRODUCT SYNONYMS

Complement Component 3; Monkey Complement Component 3 ELISA Kit; C3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	1.0-25mg/L
Sensitivity	0.1mg/L
Intended Uses	This C3 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey C3. 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 C3 elisa kit

Principle of the assay: C3 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-C3 antibody and an C3-HRP conjugate. The assay sample and buffer are incubated together with C3-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 C3 concentration since C3 from samples and C3-HRP conjugate compete for the anti-C3 antibody binding site. Since the number of sites is limited, as more sites are occupied by C3 from the sample, fewer sites are left to bind C3-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The C3 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for C3 elisa kit

[Immunology](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	40786791
NCBI GeneID	718
Molecular Weight	187,148 Da
NCBI Official Full Name	complement component 3
NCBI Official Synonym Full Names	complement component 3
NCBI Official Symbol	C3
NCBI Official Synonym Symbols	ASP; C3a; C3b; AHUS5; ARMD9; CPAMD1; HEL-S-62p
NCBI Protein Information	complement C3; prepro-C3; C3a anaphylatoxin; complement component C3; complement component C3a; complement component C3b; acylation-stimulating protein cleavage product; epididymis secretory sperm binding protein Li 62p; C3 and PZP-like alpha-2-macroglobulin domain-containing protein 1
UniProt Protein Name	Complement C3
UniProt Gene Name	C3
UniProt Synonym Gene Names	CPAMD1; ASP
UniProt Entry Name	CO3_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/c3-monkey-elisa-kits/complement-component-3/16866>