

Human Complement C3 Convertase ELISA Kit | Anti-C3 Convertase elisa kit

Human Complement C3 Convertase (Anti-C3 Convertase) (Competitive ELISA) Anti-antigen ELISA Kit

CATALOG #
AAA190054

REACTIVITY
Human

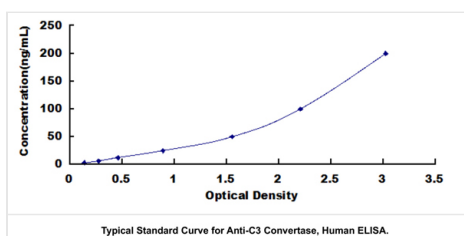
PRODUCT SYNONYMS

Complement C3 Convertase; Human Complement C3 Convertase (Anti-C3 Convertase) (Competitive ELISA) Anti-antigen ELISA Kit; C4b2a; C3bBb; complement C.hivin.4.hivin2; ELISA Kit for Anti-Complement C3 Convertase Antibody (Anti-C3 Convertase); Anti-C3 Convertase elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Anti-C3 Convertase. No significant cross-reactivity or interference between Anti-C3 Convertase and analogues was observed.
Samples	Human serum, plasma and other biological fluids
Detection Range	3.12-200ng/mL
Sensitivity	< 1.15ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Anti-C3 Convertase were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level Anti-C3 Convertase were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	4 degree C for 1 month/ -20 degree C for long-term(within shelf life). Shelf life is one year

IMAGES



Typical Standard Curve for Anti-C3 Convertase, Human ELISA.

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Anti-C3 Convertase elisa kit

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with C3 Convertase. Standards or samples are then added to the appropriate microtiter plate wells with a Horseradish Peroxidase (HRP)-conjugated secondary antibody. After TMB substrate solution is added, those wells that contain Anti-C3 Convertase will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of Anti-C3 Convertase in the samples is then determined by comparing the O.D. of the samples to the standard curve.

Intended Uses: The kit is an enzyme immunoassay for in vitro quantitative measurement of Anti-C3 Convertase in human serum, plasma and other biological fluids.

Product Categories/Family for Anti-C3 Convertase elisa kit

Signal transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	152012784
NCBI GeneID	718
UniProt Accession #	P01024; A7E236
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
NCBI Protein Information	complement C3; prepro-C3; C3a anaphylatoxin; complement component C3; complement component C3a; complement component C3b; acylation-stimulating protein cleavage product; 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/anti-c3-convertase-human-elisa-kits/complement-c3-convertase/190054>