

Human C3a (Complement Component 3a) ELISA Kit | C3a elisa kit

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CATALOG #
AAA278138

REACTIVITY
Human

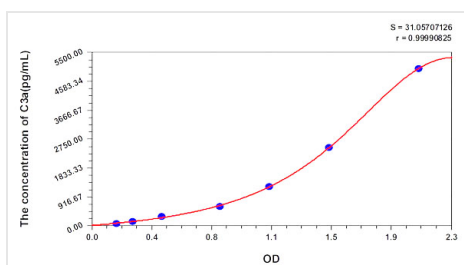
PRODUCT SYNONYMS

C3a (Complement Component 3a); Human C3a (Complement Component 3a) ELISA Kit; Complement Component 3a; C3a elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Assay Type	Sandwich
Samples	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Detection Range	7.81-500ng/mL
Sensitivity	2.12ng/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for C3a elisa kit

Test Principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Human C3a. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human C3a. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Human C3a, biotin-conjugated antibody and enzyme-conjugated Avidin 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 Human C3a in the samples is then determined by comparing the OD of the samples to the standard curve.

Product Categories/Family for C3a elisa kit

Infection immunity; Immune molecule; Autoimmunity

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://www.aaabiotech.com/human-elisa-kits/c3a-complement-component-3a/278138>