

Rabbit Complement Component 3a Receptor 1 ELISA Kit | C3aR1 elisa kit

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CATALOG #
AAA87813

REACTIVITY
Rabbit

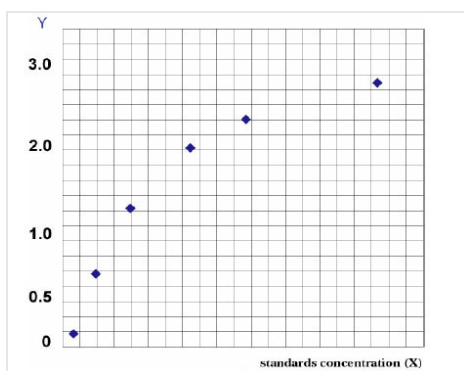
PRODUCT SYNONYMS

Complement Component 3a Receptor 1; Rabbit Complement Component 3a Receptor 1 ELISA Kit; C3aR1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rabbit
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Sensitivity	0.1 ?g/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for C3aR1 elisa kit	For samples: Serum, plasma, cell culture supernatants, body fluid and tissue homogenate INTENDED USE This C3aR1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rabbit C3aR1. This ELISA kit for research use only! PRINCIPLE OF THE ASSAY C3aR1 ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for C3aR1. Standards or samples are then added to the microtiter plate wells and C3aR1 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of C3aR1 present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for C3aR1 are added to each well to “sandwich” the C3aR1 immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain C3aR1 and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The C3aR1 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for C3aR1 elisa kit	Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	4757888
NCBI GeneID	719
NCBI Accession #	NP_004045.1
NCBI GenBank Nucleotide #	NM_004054.2
Molecular Weight	53,864 Da
NCBI Official Full Name	C3a anaphylatoxin chemotactic receptor
NCBI Official Synonym Full Names	complement component 3a receptor 1
NCBI Official Symbol	C3AR1
NCBI Official Synonym Symbols	AZ3B; C3AR; HNFAG09
NCBI Protein Information	C3a anaphylatoxin chemotactic receptor; C3a-R; complement component 3 receptor 1
UniProt Protein Name	C3a anaphylatoxin chemotactic receptor
UniProt Gene Name	C3AR1
UniProt Synonym Gene Names	AZ3B; C3R1; HNFAG09; C3AR; C3a-R
UniProt Entry Name	C3AR_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.