

Rat Complement 3a (C3a) ELISA Kit | C3a elisa kit

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CATALOG # AAA12467	REACTIVITY Rat
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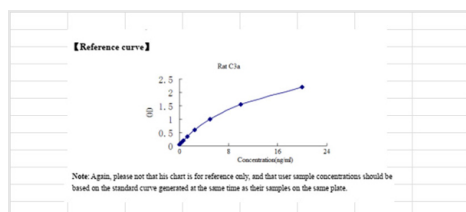
PRODUCT SYNONYMS

Complement 3a (C3a); Rat Complement 3a (C3a) ELISA Kit; C3a elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	No cross-reaction with other factors.
Sequence Length	482
Assay Type	Sandwich
Detection Range	20 ng/mL-0.312 ng/mL
Sensitivity	Up to 0.06 ng/mL
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for C3a elisa kit

Principle of the Assay: As mentioned above, this kit utilizes the Double Antibody Sandwich ELISA technique. The pre-coated antibody is an anti-Rat C3a monoclonal antibody, while the detection antibody is a biotinylated polyclonal antibody. Samples and biotinylated antibodies are added into ELISA plate wells and washed out with PBS or TBS after their respective additions to the wells. Then Avidin-peroxidase conjugates are added to the wells in after. TMB substrate is used for coloration after the enzyme conjugate has already been thoroughly washed out of the wells by PBS or TBS. TMB reacts to form a blue product from the peroxidase activity, and finally turns to yellow after addition of the stop solution (Color Reagent C). The color intensity and quantity of target analyte in the sample are positively correlated.

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/rat-elisa-kits/complement-3a-c3a/12467>