

Human C5a anaphylatoxin chemotactic receptor, C5AR1 ELISA Kit | C5AR1 elisa kit

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CATALOG #
AAA123723

REACTIVITY
Human

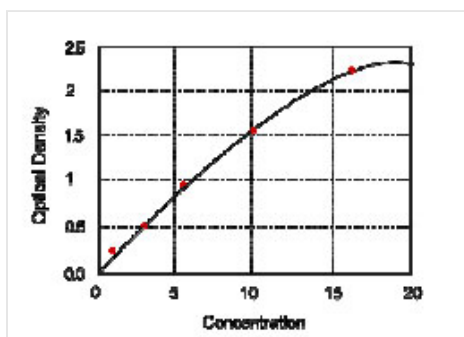
PRODUCT SYNONYMS

C5a anaphylatoxin chemotactic receptor; C5AR1; Human C5a anaphylatoxin chemotactic receptor; C5AR1 ELISA Kit; C5AR1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	345
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	20ng/L - 4500ng/L
Sensitivity	9.77ng/L
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for C5AR1 elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of human C5a Anaphylatoxin Chemotactic Receptor (also known as C5AR1) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates. Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human C5AR1 antibody. C5AR1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human C5AR1 Antibody is added and binds to C5AR1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated C5AR1 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human C5AR1. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	290543382
NCBI GenBank Nucleotide #	NP_001166393.1
UniProt Accession #	O70129
NCBI Official Full Name	C5a anaphylatoxin chemotactic receptor 1
UniProt Protein Name	C5a anaphylatoxin chemotactic receptor 1
UniProt Gene Name	C5AR1
UniProt Synonym Gene Names	C5R1; C5a-R; C5aR

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/human-elisa-kits/c5a-anaphylatoxin-chemotactic-receptor-c5ar1/123723>