

Sheep Complement Component 3a ELISA Kit | C3a elisa kit

Sheep Complement Component 3a ELISA Kit

CATALOG #
AAA101268

REACTIVITY
Sheep

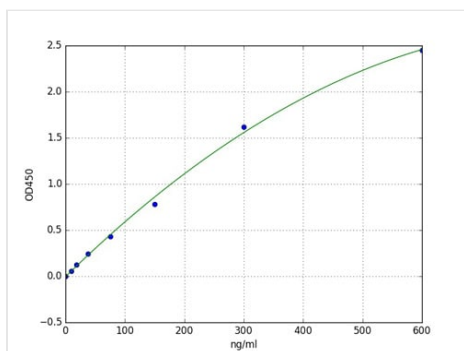
PRODUCT SYNONYMS

Complement Component 3a; Sheep Complement Component 3a ELISA Kit; C3a elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Sequence Length	482
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Sheep C3a ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	9.38	18.75	37.5	75	150	300	600
Y	OD450	0.016	0.060	0.094	0.191	0.417	0.821	1.714	2.649

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for C3a elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Sheep C3a antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Sheep C3a antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Sheep C3a amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Sheep C3a can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

30385606

NCBI GeneID	719
Molecular Weight	53,864 Da
NCBI Official Full Name	complement component 3a receptor 1
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
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://stage.aaabiotech.com/c3a-sheep-elisa-kits/complement-component-3a/101268>