

Porcine C5a (Complement Component 5a) ELISA Kit | C5a elisa kit

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CATALOG #
AAA250798

REACTIVITY
Porcine

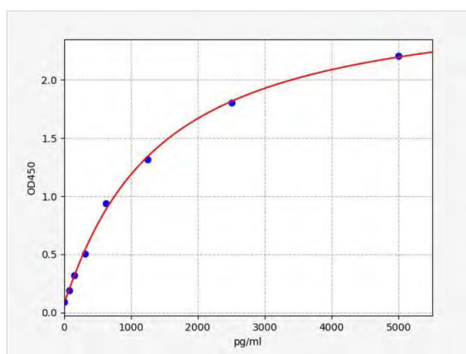
PRODUCT SYNONYMS

C5a (Complement Component 5a); Porcine C5a (Complement Component 5a) ELISA Kit; C5a; Complement Component 5a; C5a elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Specificity	Specifically recognize C5a, no obvious cross reaction with other analogues
Assay Type	Sandwich
Samples	Serum, plasma, cell culture supernatant and other biological samples
Detection Range	78.125-5000pg/ml
Sensitivity	46.875pg/ml
Intra-assay Precision	Intra-assay Precision: samples with low, medium and high concentration are tested 20 times on same plate.
Inter-assay Precision	Inter-assay Precision: samples with low, medium and high concentration are tested 20 times on three different plates.
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)

ADDITIONAL INFORMATION

Related Product Information for C5a elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti C5a antibody was pre-coated onto the 96-well plate. The biotin conjugated anti C5a antibody was used as the detection antibody. The standards and pilot samples were added to the wells subsequently. After incubation, unbound conjugates were removed by wash buffer. Then, biotinylated detection antibody was added to bind with C5a conjugated on coated antibody. After washing off unbound conjugates, HRP-Streptavidin was added. After a third washing, TMB substrates were added to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that turned yellow after adding a stop solution. Read the O.D. absorbance at 450nm in a microplate reader. The concentration of C5a in the sample was calculated by drawing a standard curve. The concentration of the target substance is proportional to the OD450 value.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	116605
NCBI GeneID	414437
UniProt Accession #	P01032
Molecular Weight	8,609 Da
NCBI Official Full Name	Complement C5a anaphylatoxin
NCBI Official Symbol	C5
NCBI Protein Information	complement C5a anaphylatoxin
UniProt Protein Name	Complement C5a anaphylatoxin
UniProt Gene Name	C5

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/porcine-elisa-kits/c5a-complement-component-5a/250798>