

Porcine Complement Fragment 5A ELISA Kit | C5A elisa kit

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CATALOG #
AAA33167

REACTIVITY
Porcine

PRODUCT SYNONYMS

Complement Fragment 5A; Porcine Complement Fragment 5A ELISA Kit; C5A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Specificity	No significant cross-reactivity or interference between Porcine C5A and analogues was observed.
Sequence Length	337
Samples	Serum, Plasma, Tissue Homogenate, Feces, Urine and Body Fluids
Assay Type	Sandwich
Detection Range	6.25 ng/ml - 200 ng/ml.
Sensitivity	1.0 ng/ml.
Intended Uses	This Quantitative Sandwich ELISA kit is only for in vitro research use only, not for drug, household, therapeutic applications! It is intended to be determinated C5A concentrations in Porcine serum, plasma and other body fluids. Using Purified Porcine C5A antibody to coat Microelisa Stripplate wells to make solid-phase antibody, then add C5A and C5A antibody which has been labeled with HRP to wells, then the reactants become antibody-antigen-antibody-enzyme complex, after washing completely, add TMB substrate solution, TMB substrate becomes blue color under HRP enzyme-catalyzed, reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. The concentration of C5A in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Intra-assay Precision	Intra-assay CV (%) is less than 15%.
Inter-assay Precision	Inter-assay CV (%) is less than 15%. [CV(%) = SD/mean ×100]
Preparation and Storage	Store all reagents at 2-8 degree C

ADDITIONAL INFORMATION

Related Product Information for C5A elisa kit

Background: This Quantitative Sandwich ELISA kit is only for in vitro research use only! It is intended to be determinated C5A concentrations in Porcine serum, plasma and other body fluids. Using Purified Porcine C5A antibody to coat Microelisa Stripplate wells to make solid-phase antibody, then add C5A and C5A antibody which has been labeled with HRP to wells, then the reactants become antibody-antigen-antibody-enzyme complex, after washing completely, add TMB substrate solution, TMB substrate becomes blue color under HRP enzyme-catalyzed, reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. The concentration of C5A in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	8923873
NCBI GeneID	27202
NCBI Accession #	NP_060955.1

NCBI GenBank Nucleotide #	NM_018485.2
UniProt Accession #	Q9P296 ; B2RA09
Molecular Weight	36,080 Da
NCBI Official Full Name	C5a anaphylatoxin chemotactic receptor 2
NCBI Official Synonym Full Names	complement component 5a receptor 2
NCBI Official Symbol	C5AR2
NCBI Official Synonym Symbols	C5L2; GPF77; GPR77
NCBI Protein Information	C5a anaphylatoxin chemotactic receptor 2; G protein-coupled receptor 77; G protein-coupled receptor C5L2; C5a anaphylatoxin chemotactic receptor C5L2
UniProt Protein Name	C5a anaphylatoxin chemotactic receptor 2
UniProt Gene Name	C5AR2
UniProt Synonym Gene Names	C5L2; GPR77
UniProt Entry Name	C5AR2_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.

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Online datasheet: <https://www.aaabiotech.com/c5a-porcine-elisa-kits/complement-fragment-5a/33167>