

Rat Complement Component 4a (C4a) RTU ELISA Kit | C4a rtu elisa kit

Rat Complement Component 4a (C4a) ELISA Kit

CATALOG #
AAA69451

REACTIVITY
Rat

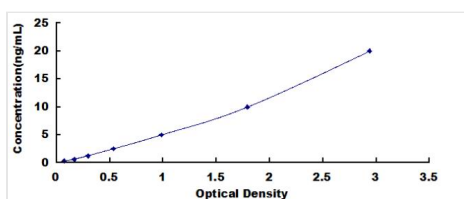
PRODUCT SYNONYMS

Complement Component 4a (C4a); Rat Complement Component 4a (C4a) ELISA Kit; C4a anaphylatoxin; C4a rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	1698
Assay Type	Sandwich
Samples	Serum, Plasma or Other Biological Fluids.
Detection Range	0.312-20ng/mL
Sensitivity	0.116ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for C4a rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to C4a. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to C4a. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain C4a, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of C4a in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #

356582273

NCBI GeneID	720
NCBI Accession #	NP_001239133.1
NCBI GenBank Nucleotide #	NM_001252204.1
UniProt Accession #	P0C0L4; P01028; P78445; Q13160; Q13906; A6H8M8; A6NHJ5; A7E2V2; B0QZR6; B0V2C8; B2RUT6; B7ZVZ6
Molecular Weight	187,704 Da
NCBI Official Full Name	complement C4-A isoform 2 preproprotein
NCBI Official Synonym Full Names	complement C4A (Rodgers blood group)
NCBI Official Symbol	C4A
NCBI Official Synonym Symbols	C4; RG; C4S; CO4; C4A2; C4A3; C4A4; C4A6; C4AD; CPAMD2
NCBI Protein Information	complement C4-A
UniProt Protein Name	Complement C4-A
UniProt Gene Name	C4A
UniProt Synonym Gene Names	CO4; CPAMD2

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/rat-rtu-elisa-kits/complement-component-4a-c4a/69451>