

Mouse Complement Component 5 (C5) RTU ELISA Kit | C5 rtu elisa kit

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CATALOG #
AAA69464

REACTIVITY
Mouse

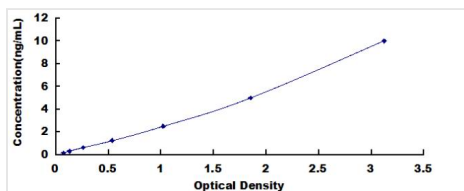
PRODUCT SYNONYMS

Complement Component 5 (C5); Mouse Complement Component 5 (C5) ELISA Kit; CPAMD4; C5a anaphylatoxin; C3 and PZP-like alpha-2-macroglobulin domain-containing protein 4; C5 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	1676
Assay Type	Sandwich
Samples	Serum, Plasma or Other Biological Fluids.
Detection Range	0.156-10ng/mL
Sensitivity	0.059ng/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 C5 rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to C5. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to C5. 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 C5, 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 C5 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	38016947
NCBI GeneID	727
NCBI Accession #	NP_001726.2
NCBI GenBank Nucleotide #	NM_001735.2
UniProt Accession #	P01031; Q14CJ0; Q27I61
Molecular Weight	188,305 Da
NCBI Official Full Name	complement C5 isoform 1 preproprotein
NCBI Official Synonym Full Names	complement C5
NCBI Official Symbol	C5
NCBI Official Synonym Symbols	C5D; C5a; C5b; ECLZB; CPAMD4
NCBI Protein Information	complement C5
UniProt Protein Name	Complement C5
UniProt Gene Name	C5
UniProt Synonym Gene Names	CPAMD4

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/mouse-rtu-elisa-kits/complement-component-5-c5/69464>