

Mouse Complement Component 9 (C9) ELISA Kit | C9 elisa kit

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CATALOG #
AAA68521

REACTIVITY
Mouse

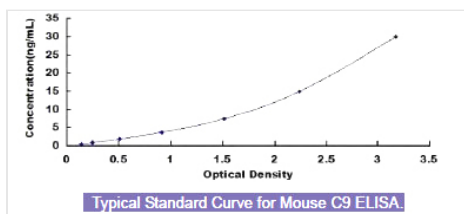
PRODUCT SYNONYMS

Complement Component 9 (C9); Mouse Complement Component 9 (C9) ELISA Kit; Complement component C9; C9; C9 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of C9. No significant cross-reactivity or interference between C9 and analogues was observed.
Sequence Length	561
Samples	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	0.468-30ng/mL
Sensitivity	<0.19ng/mL.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level C9 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level C9 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for C9 elisa kit

Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of C9 in mouse serum, plasma, tissue homogenates, cell lysates, cell culture supernates or other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to C9. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to C9. 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 C9, 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 +/- 10nm. The concentration of C9 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	15375312
NCBI GeneID	12279
NCBI Accession #	NP_038513.1
NCBI GenBank Nucleotide #	NM_013485.1
UniProt Accession #	P06683; Q91XA7
Molecular Weight	62,002 Da
NCBI Official Full Name	complement component C9
NCBI Official Synonym Full Names	complement component 9
NCBI Official Symbol	C9
NCBI Protein Information	complement component C9
UniProt Protein Name	Complement component C9
UniProt Gene Name	C9

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-elisa-kits/complement-component-9-c9/68521>