

Mouse C4 (Complement Component 4) ELISA Kit | C4 elisa kit

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CATALOG #
AAA278466

REACTIVITY
Mouse

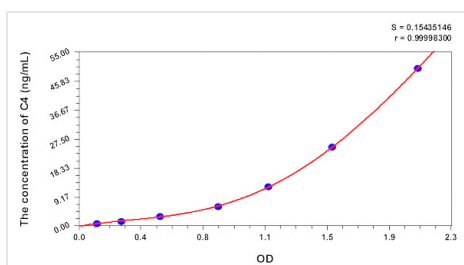
PRODUCT SYNONYMS

C4 (Complement Component 4); Mouse C4 (Complement Component 4) ELISA Kit; C4BP-a; Complement Component 4 Binding Protein; Alpha; C4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Assay Type	Sandwich
Samples	serum, plasma and other biological fluids
Detection Range	7.82-500ug/mL
Sensitivity	2.1ug/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for C4 elisa kit

Test Principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Mouse C4. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse C4. 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 Mouse C4, 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 Mouse C4 in the samples is then determined by comparing the OD of the samples to the standard curve.

Product Categories/Family for C4 elisa kit

[Signal transduction](#); [Infection immunity](#); [Hematology](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	157951698
NCBI GeneID	12268
NCBI Accession #	NP_033910.2

NCBI GenBank Nucleotide #	NM_009780.2
UniProt Accession #	P01029 ; O70346 ; Q31201 ; Q3TYY1 ; Q3TZC9 ; Q61372 ; Q61859 ; Q62353 ; Q6NWW8 ; E9QKK7
NCBI Official Full Name	complement C4-B
NCBI Official Synonym Full Names	complement component 4B (Chido blood group)
NCBI Official Symbol	C4b
NCBI Official Synonym Symbols	C4; Ss
NCBI Protein Information	complement C4-B; complement component 4 (within H-2S); complement component 4B (Chido blood group)
UniProt Protein Name	Complement C4-B
UniProt Gene Name	C4b
UniProt Synonym Gene Names	C4
UniProt Entry Name	CO4B_MOUSE

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/mouse-elisa-kits/c4-complement-component-4/278466>