

Mouse complement component 4B (Chido blood group) ELISA Kit | C4B elisa kit

Mouse Complement 4, C4 ELISA Kit

CATALOG #
AAA80190

REACTIVITY
Mouse

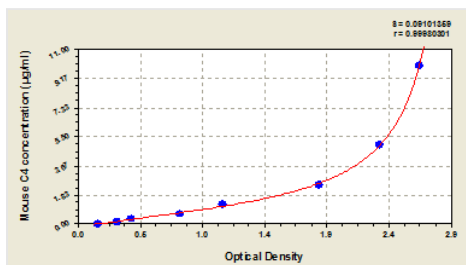
PRODUCT SYNONYMS

complement component 4B (Chido blood group); Mouse Complement 4; C4 ELISA Kit; DADB-112B14.11; C4B1; C4B12; C4B2; C4B3; C4B5; C4F; CH; CO4; CPAMD3; FLJ60561; MGC164979; Chido form of C4; basic C4; complement C4B1a; complement component 4B; C4B elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse C4. No significant cross-reactivity or interference between mouse C4 and analogues was observed.
Sequence Length	1738
Samples	Serum, plasma and tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.156 ug/ml-10 ug/ml
Sensitivity	< 0.039 ug/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for C4B elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for C4 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any C4 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for C4 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of C4 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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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
Molecular Weight	192,915 Da
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://stage.aaabiotech.com/c4b-mouse-elisa-kits/complement-component-4b-chido-blood-group/80190>