

Rat Complement 4, C4 ELISA Kit | C4 elisa kit

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CATALOG #
AAA15451

REACTIVITY
Rat

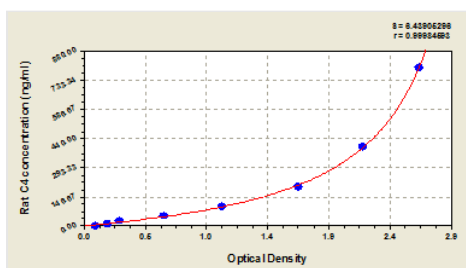
PRODUCT SYNONYMS

Complement 4; C4; Rat Complement 4; C4 ELISA Kit; C4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of rat C4. No significant cross-reactivity or interference between rat C4 and analogues was observed.
Sequence Length	1665
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates
Detection Range	12.5 ng/ml-800 ng/ml
Sensitivity	< 3.12 ng/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 C4 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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	116175422
NCBI GeneID	426611
NCBI Accession #	NP_001070701.1
NCBI GenBank Nucleotide #	NM_001077233.1
NCBI Official Full Name	complement 4
NCBI Official Synonym Full Names	complement 4
NCBI Official Symbol	C4
NCBI Official Synonym Symbols	C4-2
NCBI Protein Information	complement 4; complement C4; MHC-linked complement C4

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/rat-elisa-kits/complement-4-c4/15451>