

Dog Complement 4 (C4) ELISA Kit | C4 elisa kit

Dog Complement 4, C4 ELISA Kit

CATALOG #
AAA80987

REACTIVITY
Dog

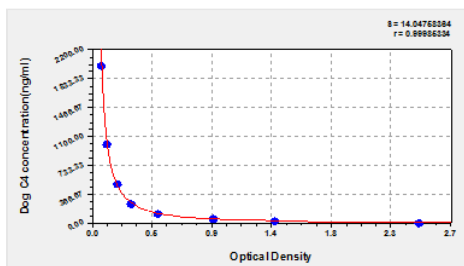
PRODUCT SYNONYMS

Complement 4 (C4); Dog Complement 4; C4 ELISA Kit; Dog Complement 4 (C4) ELISA kit; C4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Dog
Specificity	This assay has high sensitivity and excellent specificity for detection of dog C4. No significant cross-reactivity or interference between dog C4 and analogues was observed.
Sequence Length	1665
Samples	Serum, plasma, tissue homogenates
Assay Type	Competitive
Detection Range	31.25 ng/ml -2000 ng/ml.
Sensitivity	The minimum detectable dose of dog C4 is typically less than 7.8 ng/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
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 competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with C4. Standards or samples are added to the appropriate microtiter plate wells with Horseradish Peroxidase (HRP) conjugated antibody preparation specific for C4. The competitive inhibition reaction is launched between with pre-coated C4 and C4 in samples. A substrate solution is added to the wells and the color develops in opposite to the amount of C4 in the samples. The color development is stopped and the intensity of the color is measured.
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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/dog-elisa-kits/complement-4-c4/80987>