

Canine Complement Component 7 ELISA Kit | C7 elisa kit

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CATALOG #
AAA88556

REACTIVITY
Canine

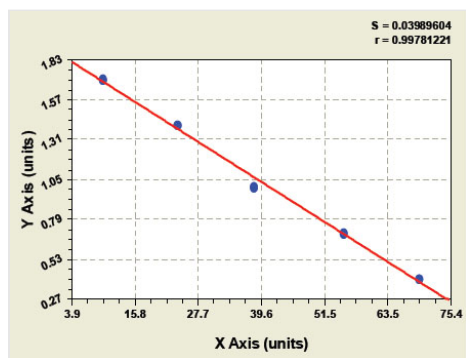
PRODUCT SYNONYMS

Complement Component 7; Canine Complement Component 7 ELISA Kit; C7 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	50-1000pg/mL
Sensitivity	1.0pg/mL
Intended Uses	This C7 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine C7. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for C7 elisa kit

Principle of the assay: C7 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-C7 antibody and an C7-HRP conjugate. The assay sample and buffer are incubated together with C7-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the C7 concentration since C7 from samples and C7-HRP conjugate compete for the anti-C7 antibody binding site. Since the number of sites is limited, as more sites are occupied by C7 from the sample, fewer sites are left to bind C7-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The C7 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	39645843
NCBI GeneID	730
Molecular Weight	93,518 Da
NCBI Official Full Name	Complement component 7
NCBI Official Synonym Full Names	complement component 7
NCBI Official Symbol	C7
NCBI Protein Information	complement component C7
UniProt Protein Name	Complement component C7
UniProt Gene Name	C7
UniProt Entry Name	CO7_HUMAN

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.