

Canine Complement Component 2 ELISA Kit | C2 elisa kit

Canine Complement Component 2 ELISA Kit

CATALOG #
AAA90691

REACTIVITY
Canine

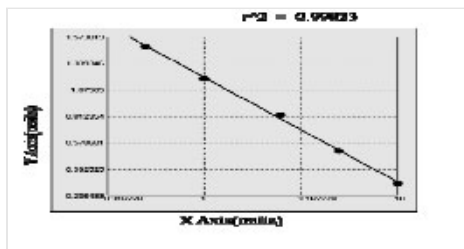
PRODUCT SYNONYMS

Complement Component 2; Canine Complement Component 2 ELISA Kit; C2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	1.0-25ng/mL
Sensitivity	0.1ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for C2 elisa kit

Intended Uses: This C2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine C2. This ELISA kit for research use only!

Principle of the Assay||C2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-C2 antibody and an C2-HRP conjugate. The assay sample and buffer are incubated together with C2-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 C2 concentration since C2 from samples and C2-HRP conjugate compete for the anti-C2 antibody binding site. Since the number of sites is limited, as more sites are occupied by C2 from the sample, fewer sites are left to bind C2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The C2 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for C2 elisa kit

Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	168985077
UniProt Accession #	Q5JP69
Molecular Weight	83,268 Da
UniProt Protein Name	Complement component 2, isoform CRA_b
UniProt Gene Name	C2
UniProt Synonym Gene Names	hCG_43694
UniProt Entry Name	Q5JP69_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/c2-canine-elisa-kits/complement-component-2/90691>