

Chicken Complement Component 2 ELISA Kit | C2 elisa kit

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CATALOG #
AAA91832

REACTIVITY
Chicken

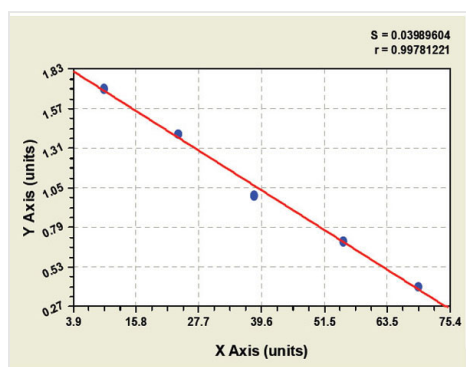
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/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

For samples: Serum, plasma, cell culture supernatants, body fluid and tissue homogenate

INTENDED USE This C2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse 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.

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.

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Online datasheet: <https://stage.aaabiotech.com/c2-chicken-elisa-kits/complement-component-2/91832>