

Chicken Complement Component 7 ELISA Kit | C7 elisa kit

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CATALOG #
AAA91420

REACTIVITY
Chicken

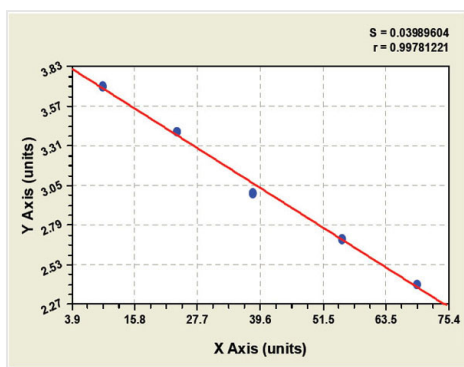
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 pg/mL
Intended Uses	This C7 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken 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.

Product Categories/Family for C7 elisa kit

Epigenetics and Nuclear Signaling

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/c7-chicken-elisa-kits/complement-component-7/91420>