

Chicken Complement component receptor 1-like protein (CR1L) ELISA Kit | CR1L elisa kit

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CATALOG #
AAA244878

REACTIVITY
Chicken

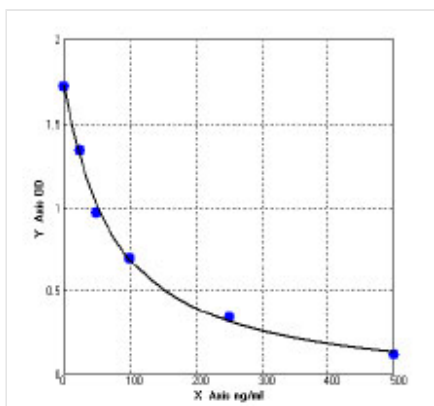
PRODUCT SYNONYMS

Complement component receptor 1-like protein (CR1L); Chicken Complement component receptor 1-like protein (CR1L) ELISA Kit; CR1L elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Specificity	This assay has high sensitivity and excellent specificity for detection of CR1L. No significant cross-reactivity or interference between CR1L and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between CR1L and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CR1L elisa kit	Intended Uses: This CR1L ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken CR1L. This ELISA kit for research use only! Principle of the Assay: IL-27 ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-IL-27 antibody and anCR1L-HRP conjugate. The assay sample and buffer are incubated together withCR1L-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 theCR1L concentration sinceCR1L from samples andCR1L-HRP conjugate compete for the anti-IL-27 antibody binding site. Since the number of sites is limited, as more sites are occupied byCR1L from the sample, fewer sites are left to bindCR1L-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. TheCR1L concentration in each sample is interpolated from this standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	148922949
NCBI GeneID	1379
NCBI Accession #	NP_783641.1
NCBI GenBank Nucleotide #	NM_175710.1
Molecular Weight	49,143 Da
NCBI Official Full Name	complement component receptor 1-like protein
NCBI Official Synonym Full Names	complement component (3b/4b) receptor 1-like
NCBI Official Symbol	CR1L
NCBI Protein Information	complement component receptor 1-like protein; complement C4b-binding protein CR-1-like protein
UniProt Protein Name	Complement component receptor 1-like protein
UniProt Gene Name	CR1L
UniProt Entry Name	CR1L_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://www.aaabiotech.com/chicken-elisa-kits/complement-component-receptor-1-like-protein-cr1l/244878>