

Chicken Cluster of Differentiation 4 ELISA Kit | CD4 elisa kit

Chicken Cluster of Differentiation 4 ELISA Kit

CATALOG # AAA89276	REACTIVITY Chicken
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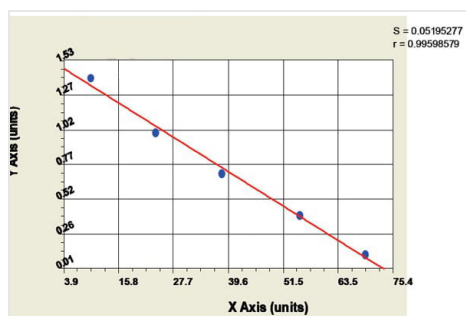
PRODUCT SYNONYMS

Cluster of Differentiation 4; Chicken Cluster of Differentiation 4 ELISA Kit; CD4 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.
Intended Uses	This CD4 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken CD4. 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 CD4 elisa kit	Principle of the Assay: CD4 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-CD4 antibody and an CD4-HRP conjugate. The assay sample and buffer are incubated together with CD4-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 CD4 concentration since CD4 from samples and CD4-HRP conjugate compete for the anti-CD4 antibody binding site. Since the number of sites is limited, as more sites are occupied by CD4 from the sample, fewer sites are left to bind CD4-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CD4 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for CD4 elisa kit	Epigenetics and Nuclear Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	304650860
Molecular Weight	53,053 Da
NCBI Official Full Name	cluster of differentiation 4
UniProt Protein Name	Cluster of differentiation 4
UniProt Gene Name	CD4
UniProt Entry Name	G3CLP6_EPICO

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/cd4-chicken-elisa-kits/cluster-of-differentiation-4/89276>