

Chicken Cluster of Differentiation 80 ELISA Kit | CD80/B7-1 elisa kit

Chicken Cluster of Differentiation 80 ELISA Kit

CATALOG # AAA94689	REACTIVITY Chicken
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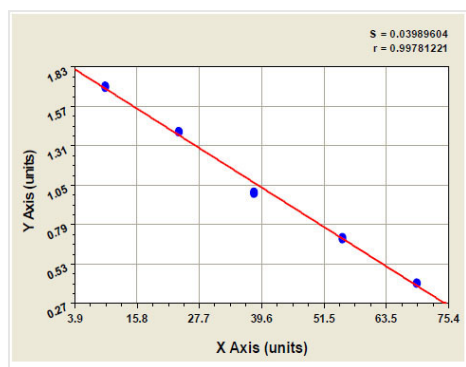
PRODUCT SYNONYMS

Cluster of Differentiation 80; Chicken Cluster of Differentiation 80 ELISA Kit; CD80/B7-1 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 CD80 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken CD80. 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 CD80/B7-1 elisa kit	Principle of the assay: CD80 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-CD80 antibody and an CD80-HRP conjugate. The assay sample and buffer are incubated together with CD80-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 CD80 concentration since CD80 from samples and CD80-HRP conjugate compete for the anti-CD80 antibody binding site. Since the number of sites is limited, as more sites are occupied by CD80 from the sample, fewer sites are left to bind CD80-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CD80 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for CD80/B7-1 elisa kit	Epigenetics and Nuclear Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	68163383
NCBI GeneID	554317
NCBI Accession #	NP_001020134.1
NCBI GenBank Nucleotide #	NM_001024963.2
NCBI Official Full Name	CD80/B7-1 transmembrane form
NCBI Official Symbol	LOC554317
NCBI Protein Information	CD80/B7-1 transmembrane form

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/cd80-b7-1-chicken-elisa-kits/cluster-of-differentiation-80/94689>