

Chicken CD48 antigen (CD48) ELISA Kit | CD48 elisa kit

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CATALOG #
AAA245502

REACTIVITY
Chicken

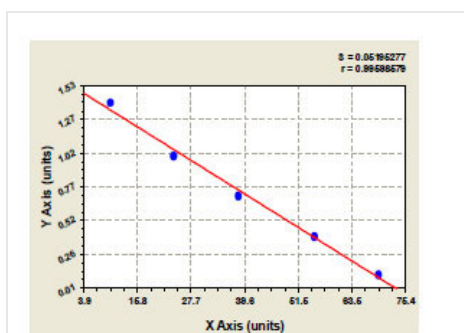
PRODUCT SYNONYMS

CD48 antigen (CD48); Chicken CD48 antigen (CD48) ELISA Kit; CD48 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Competitive (Quantitative)
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



ADDITIONAL INFORMATION

Related Product Information for CD48 elisa kit

Intended Uses: This CD48 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken CD48. This ELISA kit for research use only!

Principle of the Assay: CD48 ELISA kit applies the competitive enzyme immunoassay technique utilizing a Polyclonal anti-CD48 antibody and an CD48-HRP conjugate. The assay sample and buffer are incubated together with CD48-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 CD48 concentration since CD48 from samples and CD48-HRP conjugate compete for the anti-CD48 antibody binding site. Since the number of sites is limited, as more sites are occupied by CD48 from the sample, fewer sites are left to bind CD48-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CD48 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	20806147
NCBI GeneID	245962
NCBI Accession #	NP_620803.1
NCBI GenBank Nucleotide #	NM_139103.1
Molecular Weight	27,680 Da
NCBI Official Full Name	CD48 antigen
NCBI Official Synonym Full Names	Cd48 molecule
NCBI Official Symbol	Cd48
NCBI Official Synonym Symbols	SLAMF2
NCBI Protein Information	CD48 antigen; BLAST-1; BCM1 surface antigen; SLAM family member 2; MRC OX-45 surface antigen; signaling lymphocytic activation molecule 2
UniProt Protein Name	CD48 antigen
UniProt Gene Name	Cd48
UniProt Synonym Gene Names	Bcm-1; SLAMF2
UniProt Entry Name	CD48_RAT

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/chicken-elisa-kits/cd48-antigen-cd48/245502>