

Chicken Lymphocyte function associated antigen 3 ELISA Kit | LFA-3 elisa kit

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CATALOG #
AAA91799

REACTIVITY
Chicken

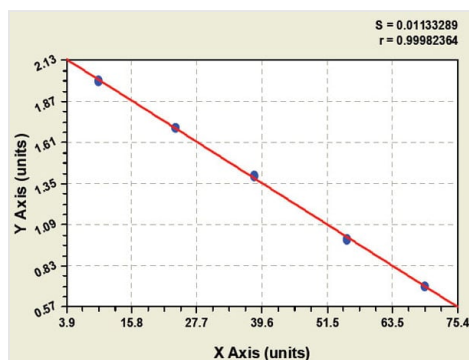
PRODUCT SYNONYMS

Lymphocyte function associated antigen 3; Chicken Lymphocyte function associated antigen 3 ELISA Kit; LFA-3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 ng/mL.
Intended Uses	This LFA-3 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken LFA-3. 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 LFA-3 elisa kit

Principle of the Assay: LFA-3 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-LFA-3 antibody and an LFA-3-HRP conjugate. The assay sample and buffer are incubated together with LFA-3-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 LFA-3 concentration since LFA-3 from samples and LFA-3-HRP conjugate compete for the anti-LFA-3 antibody binding site. Since the number of sites is limited, as more sites are occupied by LFA-3 from the sample, fewer sites are left to bind LFA-3-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The LFA-3 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for LFA-3 elisa kit

Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502677
NCBI GeneID	965
NCBI Accession #	NP_001770.1
NCBI GenBank Nucleotide #	NM_001779.2
UniProt Accession #	P19256; Q5U053; Q6IB65; Q96KI9; A8K7G5; Q14748; Q16393; Q9BRW0
Molecular Weight	28,147 Da
NCBI Official Full Name	lymphocyte function-associated antigen 3 isoform 1
NCBI Official Synonym Full Names	CD58 molecule
NCBI Official Symbol	CD58
NCBI Official Synonym Symbols	ag3; LFA3; LFA-3
NCBI Protein Information	lymphocyte function-associated antigen 3; surface glycoprotein LFA-3; CD58 antigen, (lymphocyte function-associated antigen 3)
UniProt Protein Name	Lymphocyte function-associated antigen 3
UniProt Gene Name	CD58
UniProt Synonym Gene Names	LFA3; Ag3
UniProt Entry Name	LFA3_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.

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Online datasheet: <https://stage.aaabiotech.com/lfa-3-chicken-elisa-kits/lymphocyte-function-associated-antigen-3/91799>