

Human Lymphocyte function-associated antigen 3 ELISA Kit | CD58 elisa kit

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CATALOG #
AAA100164

REACTIVITY
Human

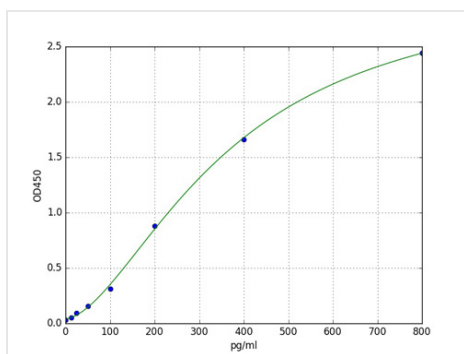
PRODUCT SYNONYMS

Lymphocyte function-associated antigen 3; Human Lymphocyte function-associated antigen 3 ELISA Kit; LFA-3 (Lymphocyte Function Associated Antigen 3)/CD58/Ag3/CD58 antigen/CD58 molecule/LFA3ag3/lymphocyte function-associated antigen 3/Surface glycoprotein LFA-3; CD58 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	248
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	12.5-800pg/ml
Sensitivity	7.5pg/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Human LFA-3 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	pg/ml	0	12.5	25	50	100	200	400	800
Y	OD450	0.031	0.088	0.137	0.289	0.521	0.934	1.742	2.555

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CD58 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human LFA-3 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human LFA-3 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRPStreptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human LFA-3 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human LFA-3 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	221316575
NCBI GeneID	965
NCBI Accession #	NP_001138294.1
NCBI GenBank Nucleotide #	NM_001144822.1
Molecular Weight	27,960 Da
NCBI Official Full Name	lymphocyte function-associated antigen 3 isoform 2
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
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/cd58-human-elisa-kits/lymphocyte-function-associated-antigen-3/100164>