

Human Lymphocyte Function Associated Antigen 3 (LFA3) ELISA Kit | LFA3 elisa kit

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CATALOG #
AAA184157

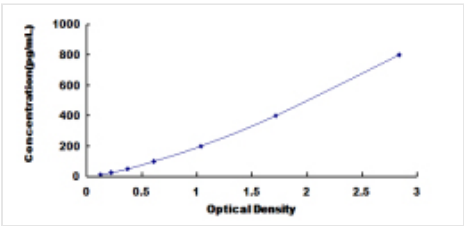
REACTIVITY
Human

PRODUCT SYNONYMS

Lymphocyte Function Associated Antigen 3 (LFA3); Human Lymphocyte Function Associated Antigen 3 (LFA3) ELISA Kit; CD58; Ag3; Surface glycoprotein LFA-3; LFA3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Lymphocyte Function Associated Antigen 3 (LFA3). No significant cross-reactivity or interference between Lymphocyte Function Associated Antigen 3 (LFA3) and analogues was observed.
Sequence Length	248
Assay Type	Double-antibody Sandwich
Samples	Serum, Plasma, Cell Lysates and Other Biological Fluids
Detection Range	12.50-800pg/mL
Sensitivity	< 5.8pg/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Lymphocyte Function Associated Antigen 3 (LFA3) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Lymphocyte Function Associated Antigen 3 (LFA3) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LFA3 elisa kit	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Lymphocyte Function Associated Antigen 3 (LFA3). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Lymphocyte Function Associated Antigen 3 (LFA3). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Lymphocyte Function Associated Antigen 3 (LFA3), biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of Lymphocyte Function Associated Antigen 3 (LFA3) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	221316575
NCBI GeneID	965
NCBI Accession #	NP_001138294.1
NCBI GenBank Nucleotide #	NM_001144822.1
UniProt Accession #	P19256; Q5U053; Q6IB65; Q96KI9; A8K7G5
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

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.