

Human LFA-3 ELISA Kit | LFA-3/CD58 elisa kit

Human LFA-3 (Lymphocyte Function Associated Antigen 3) ELISA Kit

CATALOG #
AAA165295

REACTIVITY
Human

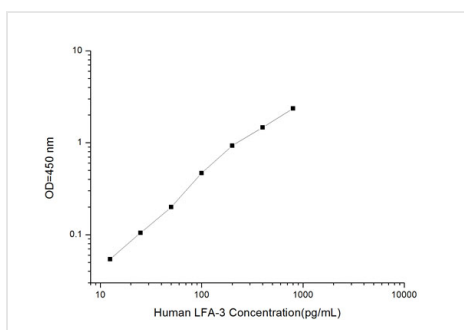
PRODUCT SYNONYMS

LFA-3; Human LFA-3 (Lymphocyte Function Associated Antigen 3) ELISA Kit; LFA-3/CD58 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human LFA-3/CD58. No significant cross-reactivity or interference between Human LFA-3/CD58 and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Human LFA-3/CD58 and all the analogues, therefore, cross reaction may still exist.
Sequence Length	248
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	12.5-800pg/mL
Sensitivity	Min: 7.5pg/mL; Max: 800pg/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LFA-3/CD58 elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of LFA-3/CD58 in human serum, plasma and other biological fluids Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human LFA-3/CD58. Standards or samples are added to the appropriate micro ELISA plate wells and bound by the specific antibody. Then a biotinylated detection antibody specific for Human LFA-3/CD58 and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human LFA-3/CD58, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Human LFA-3/CD58. You can calculate the concentration of Human LFA-3/CD58 in the samples by comparing the OD 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; CD58 antigen, (lymphocyte function-associated antigen 3); surface glycoprotein LFA-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.