

Human Integrin alpha-L ELISA Kit | ITGAL elisa kit

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CATALOG #
AAA100757

REACTIVITY
Human

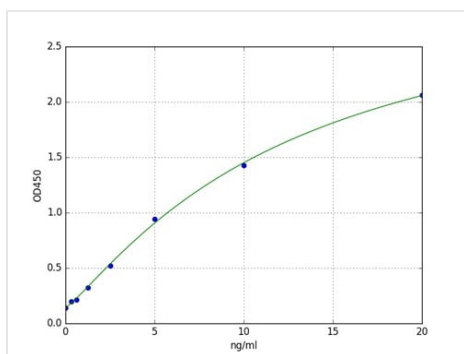
PRODUCT SYNONYMS

Integrin alpha-L; Human Integrin alpha-L ELISA Kit; ITGAL/Integrin alpha-L/Leukocyte function-associated molecule 1 alpha chain/CD11 antigen-like family member A/Leukocyte adhesion glycoprotein LFA-1 alpha chain/LFA-1A/CD11A/LFA-1/LFA1A; ITGAL elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	1170
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/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 ITGAL 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	ng/ml	0	0.313	0.625	1.25	2.5	5	10	20
Y	OD450	0.150	0.207	0.237	0.328	0.540	0.962	1.482	2.138

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ITGAL elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human ITGAL antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human ITGAL 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. HRP-Streptavidin 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 ITGAL amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human ITGAL can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	167466215
NCBI GeneID	3683
NCBI Accession #	NP_002200.2
NCBI GenBank Nucleotide #	NM_002209.2
Molecular Weight	119,224 Da
NCBI Official Full Name	integrin alpha-L isoform a
NCBI Official Synonym Full Names	integrin subunit alpha L
NCBI Official Symbol	ITGAL
NCBI Official Synonym Symbols	CD11A; LFA-1; LFA1A
NCBI Protein Information	integrin alpha-L
UniProt Protein Name	Integrin alpha-L
UniProt Gene Name	ITGAL
UniProt Synonym Gene Names	CD11A; LFA-1A
UniProt Entry Name	ITAL_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/itgal-human-elisa-kits/integrin-alpha-l/100757>