

Human Integrin alpha-M ELISA Kit | ITGAM elisa kit

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CATALOG #
AAA100542

REACTIVITY
Human

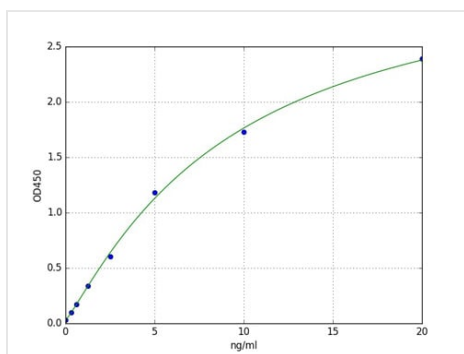
PRODUCT SYNONYMS

Integrin alpha-M; Human Integrin alpha-M ELISA Kit; ITGAM/Integrin alpha-M/Neutrophil adherence receptor/Leukocyte adhesion receptor MO1/Cell surface glycoprotein MAC-1 subunit alpha/CD11 antigen-like family member B/CR-3 alpha chain/CD11B/CR3A/MO1A/CD11B/MAC-1/MAC1A/SLEB6; ITGAM elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	1153
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)

Results of a typical standard run of a Human ITGAM 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	0.075	0.187	0.285	0.434	0.652	1.088	1.632	1.838

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ITGAM elisa kit

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	224831239
NCBI GeneID	3684
NCBI Accession #	NP_001139280.1
NCBI GenBank Nucleotide #	NM_001145808.1
Molecular Weight	127,307 Da
NCBI Official Full Name	integrin alpha-M isoform 1
NCBI Official Synonym Full Names	integrin subunit alpha M
NCBI Official Symbol	ITGAM
NCBI Official Synonym Symbols	CR3A; MO1A; CD11B; MAC-1; MAC1A; SLEB6
NCBI Protein Information	integrin alpha-M
UniProt Protein Name	Integrin alpha-M
UniProt Gene Name	ITGAM
UniProt Synonym Gene Names	CD11B; CR3A
UniProt Entry Name	ITAM_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/itgam-human-elisa-kits/integrin-alpha-m/100542>