

Human integrin, alpha M (complement component 3 receptor 3 subunit) ELISA Kit | ITGAM elisa kit

Human Integrin alphaM, ITG/CD11b ELISA Kit

CATALOG # AAA15300	REACTIVITY Human
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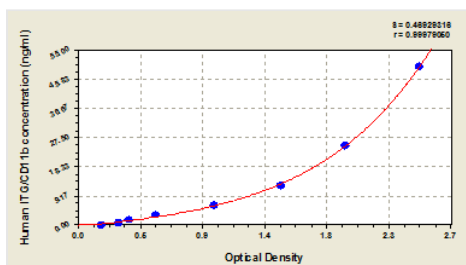
PRODUCT SYNONYMS

integrin; alpha M (complement component 3 receptor 3 subunit); Human Integrin alphaM; ITG/CD11b ELISA Kit; CD11B; CR3A; MAC-1; MAC1A; MGC117044; MO1A; SLEB6; antigen CD11b (p170) ; integrin alpha M; macrophage antigen alpha polypeptide; neutrophil adherence receptor alpha-M subunit; ITGAM elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human ITG/CD11b. No significant cross-reactivity or interference between human ITG/CD11b and analogues was observed.
Sequence Length	1152
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and tissue homogenates
Detection Range	0.78 ng/ml-50 ng/ml
Sensitivity	< 0.195 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ITGAM elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for ITG/CD11b has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any ITG/CD11b present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for ITG/CD11b is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of ITG/CD11b bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	88501734
NCBI GeneID	3684
NCBI Accession #	NP_000623.2
NCBI GenBank Nucleotide #	NM_000632.3
UniProt Accession #	P11215; Q4VAK0; Q4VAK1; Q4VAK2
Molecular Weight	127,179 Da
NCBI Official Full Name	integrin alpha-M isoform 2
NCBI Official Synonym Full Names	integrin, alpha M (complement component 3 receptor 3 subunit)
NCBI Official Symbol	ITGAM
NCBI Official Synonym Symbols	CR3A; MO1A; CD11B; MAC-1; MAC1A; SLEB6
NCBI Protein Information	integrin alpha-M; CR-3 alpha chain; antigen CD11b (p170); leukocyte adhesion receptor MO1; CD11 antigen-like family member B; macrophage antigen alpha polypeptide; cell surface glycoprotein MAC-1 subunit alpha; neutrophil adherence receptor alpha-M subunit
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-complement-component-3-receptor-3-subunit/15300>