

Mouse ITGAM (Integrin alpha-M) ELISA Kit | ITGAM elisa kit

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CATALOG #
AAA249925

REACTIVITY
Mouse

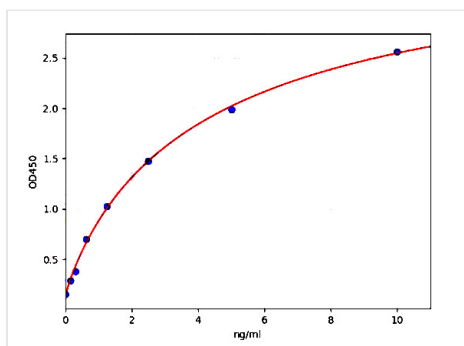
PRODUCT SYNONYMS

ITGAM (Integrin alpha-M); Mouse ITGAM (Integrin alpha-M) ELISA Kit; Integrin alpha-M; CD11 antigen-like family member B; CR-3 alpha chain; Cell surface glycoprotein MAC-1 subunit alpha; Leukocyte adhesion receptor MO1; CD_antigen: CD11b; ITGAM elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of ITGAM. No significant cross-reactivity or interference between ITGAM and analogues was observed.
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
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)

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. Capture antibody was pre-coated onto 96- well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed 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 target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	124956
NCBI GeneID	16409
UniProt Accession #	P05555; Q8CA73
Molecular Weight	115,196 Da
NCBI Official Full Name	Integrin alpha-M
NCBI Official Synonym Full Names	integrin alpha M
NCBI Official Symbol	Itgam
NCBI Official Synonym Symbols	CR3; CR3A; MAC1; Cd11b; Ly-40; Mac-1; Mac-1a; CD11b/CD18; F730045J24Rik
NCBI Protein Information	integrin alpha-M; Mac-1 alpha; CD11B (p170); CR-3 alpha chain; macrophage antigen alpha; complement receptor type 3; leukocyte adhesion receptor MO1; CD11 antigen-like family member B; complement component receptor 3 alpha-a; cell surface glycoprotein MAC
UniProt Protein Name	Integrin alpha-M
UniProt Gene Name	Itgam
UniProt Entry Name	ITAM_MOUSE

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/mouse-elisa-kits/itgam-integrin-alpha-m/249925>