

Mouse Integrin alpha-M (Itgam/CD11b) ELISA Kit | Itgam/CD11b elisa kit

Mouse Integrin alpha-M, Itgam/CD11b ELISA Kit

CATALOG #
AAA18284

REACTIVITY
Mouse

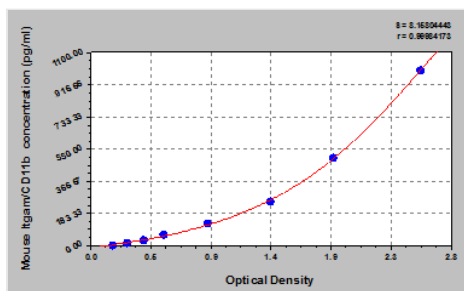
PRODUCT SYNONYMS

Integrin alpha-M (Itgam/CD11b); Mouse Integrin alpha-M; Itgam/CD11b ELISA Kit; Mouse Integrin alpha-M (Itgam/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/CD11b elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse Itgam/CD11b. No significant cross-reactivity or interference between mouse Itgam/CD11b and analogues was observed.
Sequence Length	1,153
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, tissue homogenates
Detection Range	15.6 pg/ml-1000 pg/ml
Sensitivity	< 3.9 pg/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/CD11b elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for Itgam/CD11b has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any Itgam/CD11b present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for Itgam/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 Itgam/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 #	124956
NCBI GeneID	16409
UniProt Accession #	P05555; Q8CA73
Molecular Weight	127,481 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-1 alpha subunit; cell surface glycoprotein MAC-1 subunit alpha
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.