

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

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

CATALOG #
AAA22040

REACTIVITY
Mouse

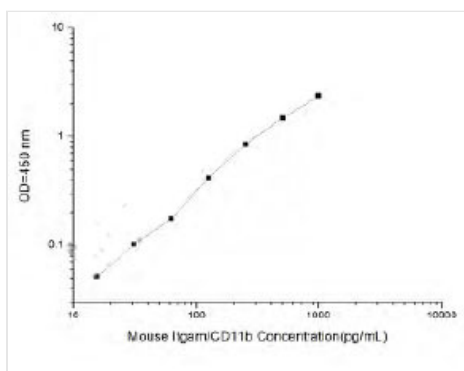
PRODUCT SYNONYMS

Integrin alpha-M; Mouse Itgam/CD11b (Integrin alpha-M) 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 kit recognizes Mouse Itgam/CD11b in samples. No significant cross-reactivity or interference between Mouse Itgam/CD11b and analogues was observed.
Sequence Length	1153
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	15.63-1000pg/mL
Sensitivity	9.38pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Mouse Itgam/CD11b were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Mouse Itgam/CD11b were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Itgam/CD11b elisa kit	Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Mouse Itgam/CD11b. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Mouse Itgam/CD11b and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Mouse Itgam/CD11b, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm ± 2 nm. The OD value is proportional to the concentration of Mouse Itgam/CD11b. You can calculate the concentration of Mouse Itgam/CD11b in the samples by comparing the OD of the samples to the standard curve. Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Mouse Itgam/CD11b concentrations in serum, plasma and other biological fluids.
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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-cd11b-mouse-elisa-kits/integrin-alpha-m/22040>