

Mouse Integrin alpha-IIb ELISA Kit | Itga2b elisa kit

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CATALOG #
AAA56501

REACTIVITY
Mouse

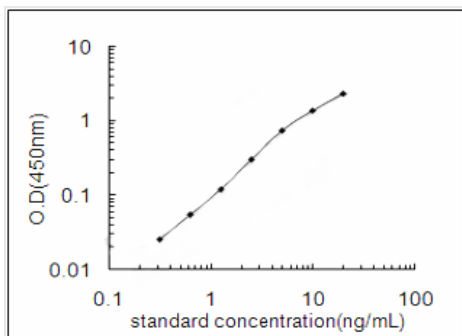
PRODUCT SYNONYMS

Integrin alpha-IIb; Mouse Integrin alpha-IIb ELISA Kit; Itga2b elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay recognizes recombinant and natural mouse Integrin alpha-IIb. No significant cross-reactivity or interference was observed.
Sequence Length	262
Assay Type	Sandwich
Detection Range	0.312-20 ng/mL
Sensitivity	0.156 ng/mL
Intra-Assay CV	<=8.0%
Inter-Assay CV	<=10.1%
Recovery	85%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Itga2b elisa kit

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Integrin alpha-IIb. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Integrin alpha-IIb and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain Integrin alpha-IIb, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of Integrin alpha-IIb in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	159110663
NCBI GeneID	16399
NCBI Accession #	NP_034705.2
NCBI GenBank Nucleotide #	NM_010575.2
UniProt Accession #	Q9QUM0; Q3U3R7; Q64229; Q9Z2M0
Molecular Weight	112,678 Da
NCBI Official Full Name	integrin alpha-IIb
NCBI Official Synonym Full Names	integrin alpha 2b
NCBI Official Symbol	Itga2b
NCBI Official Synonym Symbols	CD41; CD41B; GpIIb; AI172977; alphaIIb
NCBI Protein Information	integrin alpha-IIb
UniProt Protein Name	Integrin alpha-IIb
UniProt Gene Name	Itga2b
UniProt Synonym Gene Names	GPIIb
UniProt Entry Name	ITA2B_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/itga2b-mouse-elisa-kits/integrin-alpha-iib/56501>