

Human integrin, alpha 2b (platelet glycoprotein IIb of IIb/IIIa complex, antigen CD41) ELISA Kit | ITGA2B elisa kit

Human Integrin alpha-IIb, ITGA2B ELISA Kit

CATALOG #
AAA112658

REACTIVITY
Human

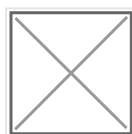
PRODUCT SYNONYMS

integrin; alpha 2b (platelet glycoprotein IIb of IIb/IIIa complex; antigen CD41); Human Integrin alpha-IIb; ITGA2B ELISA Kit; Human Integrin alpha-IIb (ITGA2B) ELISA kit; CD41; CD41B; GP2B; GPIIb; GTA; HPA3; integrin alpha 2b; platelet fibrinogen receptor; alpha subunit; platelet-specific antigen BAK; ITGA2B elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human ITGA2B. No significant cross-reactivity or interference between human ITGA2B and analogues was observed.
Sequence Length	1,039
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates, cell lysates
Detection Range	0.156 ng/ml-10 ng/ml
Sensitivity	< 0.039 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 ITGA2B elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for ITGA2B has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any ITGA2B present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for ITGA2B 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 ITGA2B bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	88758615
NCBI GeneID	3674
NCBI Accession #	NP_000410.2
NCBI GenBank Nucleotide #	NM_000419.3
UniProt Accession #	P08514; O95366; Q14443; Q17R67; B2RCY8
Molecular Weight	113,377 Da
NCBI Official Full Name	integrin alpha-IIb preproprotein
NCBI Official Synonym Full Names	integrin, alpha 2b (platelet glycoprotein IIb of IIb/IIIa complex, antigen CD41)
NCBI Official Symbol	ITGA2B
NCBI Official Synonym Symbols	GT; GTA; CD41; GP2B; HPA3; CD41B; GPIIb; BDPLT2; BDPLT16; PPP1R93
NCBI Protein Information	integrin alpha-IIb; GPalpha IIb; platelet-specific antigen BAK; platelet membrane glycoprotein IIb; platelet fibrinogen receptor, alpha subunit; protein phosphatase 1, regulatory subunit 93
UniProt Protein Name	Integrin alpha-IIb
UniProt Gene Name	ITGA2B
UniProt Synonym Gene Names	GP2B; ITGAB; GPIIb
UniProt Entry Name	ITA2B_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/itga2b-human-elisa-kits/integrin-alpha-2b-platelet-glycoprotein-iib-of-iib-iiia-complex-antigen-cd41/112658>