

Human Integrin alpha V beta3 (ITG alpha V beta3) ELISA Kit | ITG alpha V beta3 elisa kit

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CATALOG #
AAA53706

REACTIVITY
Human

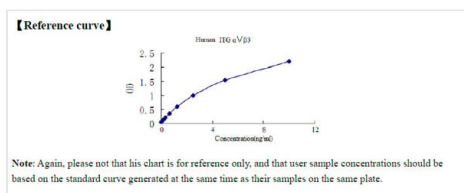
PRODUCT SYNONYMS

Integrin alpha V beta3 (ITG alpha V beta3); Human Integrin alpha V beta3 (ITG alpha V beta3) ELISA Kit; Human Integrin a V b3 (ITG a V b3) ELISA Kit; ITG alpha V beta3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	1046
Samples	Human serum, plasma or cell culture supernatant
Assay Type	Quantitative Sandwich
Detection Range	10 ng/mL-0.156 ng/mL
Sensitivity	Up to 0.05 ng/mL
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ITG alpha V beta3 elisa kit

Principle of the Assay: As mentioned above, this kit utilizes the Double Antibody Sandwich ELISA technique. The pre-coated antibody is an anti-Human ITG alpha V beta3 monoclonal antibody, while the detection antibody is a biotinylated polyclonal antibody. Samples and biotinylated antibodies are added into ELISA plate wells and washed out with PBS or TBS after their respective additions to the wells. Then Avidin-peroxidase conjugates are added to the wells in after. TMB substrate is used for coloration after the enzyme conjugate has already been thoroughly washed out of the wells by PBS or TBS. TMB reacts to form a blue product from the peroxidase activity, and finally turns to yellow after addition of the stop solution (Color Reagent C). The color intensity and quantity of target analyte in the sample are positively correlated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	145208001
NCBI GeneID	397285

NCBI Accession #	NP_001077401.1
NCBI GenBank Nucleotide #	NM_001083932.1
NCBI Official Full Name	integrin alpha-V
NCBI Official Symbol	ITGAV
NCBI Protein Information	integrin alpha-V; alphaV integrin; integrin alpha v; integrin, alpha V (vitronectin receptor, alpha polypeptide, antigen CD51)

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/human-elisa-kits/integrin-alpha-v-beta3-itg-alpha-v-beta3/53706>