

Mouse Integrin alpha6 ELISA Kit | ITGalpha6 elisa kit

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CATALOG #
AAA93977

REACTIVITY
Mouse

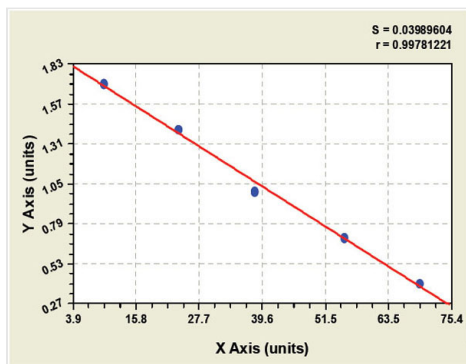
PRODUCT SYNONYMS

Integrin alpha6; Mouse Integrin alpha6 ELISA Kit; Mouse Integrin a6 ELISA Kit; ITGalpha6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	5.0-100ng/mL
Sensitivity	0.1ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



ADDITIONAL INFORMATION

Related Product Information for ITGalpha6 elisa kit

Intended Uses: This ITGalpha6 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse ITGalpha6. This ELISA kit for research use only!

Principle of the Assay: ITGalpha6 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-ITGalpha6 antibody and an ITGalpha6-HRP conjugate. The assay sample and buffer are incubated together with ITGalpha6-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the ITGalpha6 concentration since ITGalpha6 from samples and ITGalpha6-HRP conjugate compete for the anti-ITGalpha6 antibody binding site. Since the number of sites is limited, as more sites are occupied by ITGalpha6 from the sample, fewer sites are left to bind ITGalpha6-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ITGalpha6 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	119395742
NCBI GeneID	3655
NCBI Accession #	NP_000201.2
NCBI GenBank Nucleotide #	NM_000210.2
NCBI Official Full Name	integrin alpha-6 isoform b

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/itgalpha6-mouse-elisa-kits/integrin-alpha6/93977>