

Rat Integrin alpha6 ELISA Kit | ITGalpha6 elisa kit

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CATALOG #
AAA93891

REACTIVITY
Rat

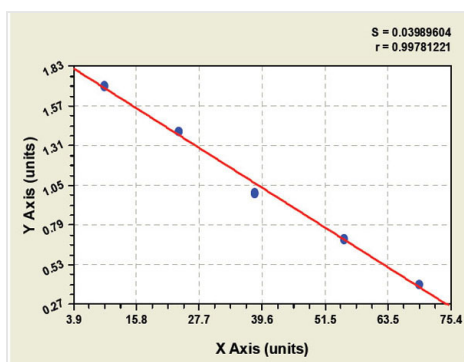
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

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

IMAGES



Standard Curve (Sample)

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 Rat 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.

Product Categories/Family for ITGalpha6 elisa kit

Signal Transduction

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-rat-elisa-kits/integrin-alpha6/93891>