

Mouse Integrin alpha-5 ELISA Kit | Itga5 elisa kit

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CATALOG #
AAA23344

REACTIVITY
Mouse

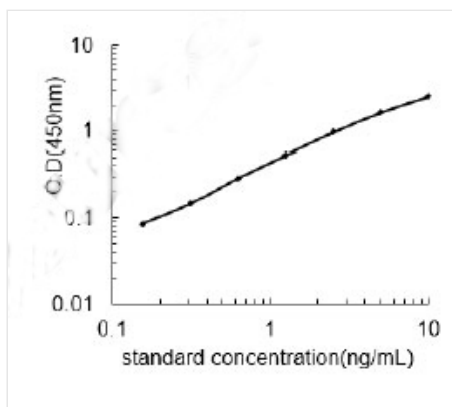
PRODUCT SYNONYMS

Integrin alpha-5; Mouse Integrin alpha-5 ELISA Kit; CD49 antigen-like family member E; Fibronectin receptor subunit alpha; Integrin alpha-F; VLA-5; Itga5; CD49e; Itga5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Recombinant and natural Mouse Integrin alpha-5, ITA5
Sequence Length	1053
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	0.156 -10 ng/mL
Sensitivity	< 0.084 ng/mL
Intra-assay Precision	<=5.5%
Inter-assay Precision	<=7.9%
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 Itga5 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then 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 target antigen, 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 target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	341941050
NCBI GeneID	16402
UniProt Accession #	P11688; E9QN40
Molecular Weight	115,043 Da
NCBI Official Full Name	Integrin alpha-5
NCBI Official Synonym Full Names	integrin alpha 5 (fibronectin receptor alpha)
NCBI Official Symbol	Itga5
NCBI Official Synonym Symbols	Fnra; VLA5; Cd49e
NCBI Protein Information	integrin alpha-5
UniProt Protein Name	Integrin alpha-5
UniProt Gene Name	Itga5
UniProt Entry Name	ITA5_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.