

Mouse Integrin Alpha 4 (ITGa4) RTU ELISA Kit | ITGa4 rtu elisa kit

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CATALOG #
AAA216563

REACTIVITY
Mouse

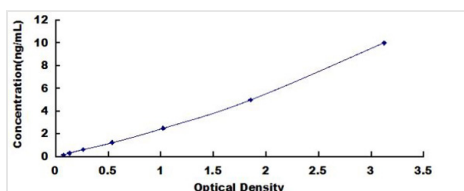
PRODUCT SYNONYMS

Integrin Alpha 4 (ITGa4); Mouse Integrin Alpha 4 (ITGa4) ELISA Kit; CD49d; CD49-D; ITG-A4; IA4; Alpha 4 Subunit Of VLA-4 Receptor; CD49 antigen-like family member D; Integrin alpha-IV; ITGa4 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	1032
Assay Type	Sandwich
Samples	Tissue Homogenates, Cell Lysates or Other Biological Fluids.
Detection Range	0.156-10ng/mL
Sensitivity	0.071ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ITGa4 rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to ITGa4. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to ITGa4. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain ITGa4, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of ITGa4 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	114326554
NCBI GeneID	16401
NCBI Accession #	NP_034706.3
NCBI GenBank Nucleotide #	NM_010576.3
UniProt Accession #	Q00651
Molecular Weight	115,696 Da
NCBI Official Full Name	integrin alpha-4
NCBI Official Synonym Full Names	integrin alpha 4
NCBI Official Symbol	Itga4
NCBI Official Synonym Symbols	CD49D; Itga4B
NCBI Protein Information	integrin alpha-4
UniProt Protein Name	Integrin alpha-4
UniProt Gene Name	Itga4
UniProt Synonym Gene Names	LPAM subunit alpha

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/mouse-rtu-elisa-kits/integrin-alpha-4-itga4/216563>