

Human Integrin Alpha 11 (ITGa11) ELISA Kit | ITGa11 elisa kit

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CATALOG #
AAA66548

REACTIVITY
Human

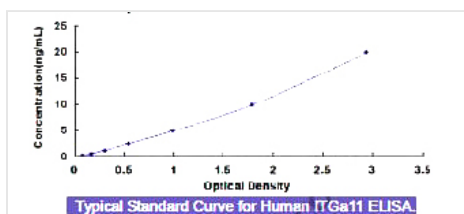
PRODUCT SYNONYMS

Integrin Alpha 11 (ITGa11); Human Integrin Alpha 11 (ITGa11) ELISA Kit; BYE1; DATF1; DIDO2; DIDO3; DIO1; Death Associated Transcription Factor 1; ITGa11 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of ITGa11. No significant cross-reactivity or interference between ITGa11 and analogues was observed.
Sequence Length	1188
Samples	Tissue homogenates, cell lysates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.312-20ng/mL
Sensitivity	0.124ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level ITGa11 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level ITGa11 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ITGa11 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of ITGa11 in human tissue homogenates, cell lysates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to ITGa11. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to ITGa11. 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 ITGa11, 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 +/- 10nm. The concentration of ITGa11 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	52485853
NCBI GeneID	22801
NCBI Accession #	NP_001004439.1
NCBI GenBank Nucleotide #	NM_001004439.1
UniProt Accession #	Q9UKX5; Q8WYI8; Q9UKQ1; J3KQM2
Molecular Weight	133,569 Da
NCBI Official Full Name	integrin alpha-11
NCBI Official Synonym Full Names	integrin subunit alpha 11
NCBI Official Symbol	ITGA11
NCBI Official Synonym Symbols	HsT18964
NCBI Protein Information	integrin alpha-11
UniProt Protein Name	Integrin alpha-11
UniProt Gene Name	ITGA11

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.