

Human ITGA1/CD49a (Integrin alpha-1) ELISA Kit | ITGA1/CD49a elisa kit

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CATALOG #
AAA248297

REACTIVITY
Human

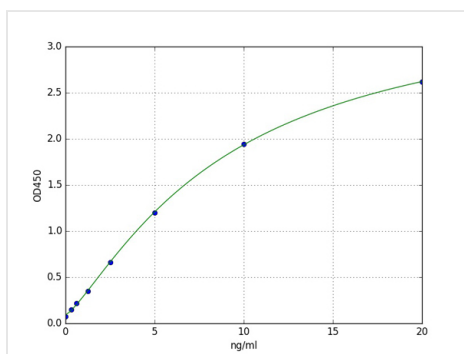
PRODUCT SYNONYMS

ITGA1/CD49a (Integrin alpha-1); Human ITGA1/CD49a (Integrin alpha-1) ELISA Kit; VLA1; laminin and collagen receptor|very late activation protein 1; ITGA1/CD49a elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	1179
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ITGA1/CD49a elisa kit

Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-ITGA1/CD49a antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-ITGA1/CD49a antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the ITGA1/CD49a amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of ITGA1/CD49a can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	124056463
NCBI GeneID	3672
UniProt Accession #	P56199; B2RNU0
Molecular Weight	130,848 Da
NCBI Official Full Name	Integrin alpha-1
NCBI Official Synonym Full Names	integrin subunit alpha 1
NCBI Official Symbol	ITGA1
NCBI Official Synonym Symbols	VLA1; CD49a
NCBI Protein Information	integrin alpha-1
UniProt Protein Name	Integrin alpha-1
UniProt Gene Name	ITGA1

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/human-elisa-kits/itga1-cd49a-integrin-alpha-1/248297>