

Human Integrin alpha-V ELISA Kit | ITGAV elisa kit

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CATALOG #
AAA100433

REACTIVITY
Human

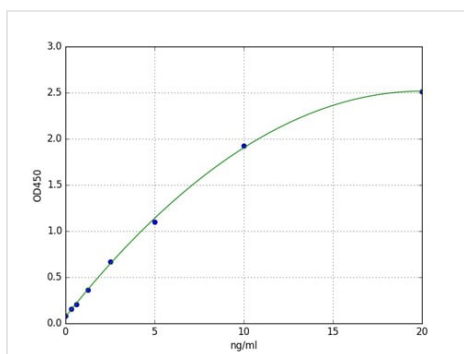
PRODUCT SYNONYMS

Integrin alpha-V; Human Integrin alpha-V ELISA Kit; ITGAV (Integrin alpha-V)/CD51/MSK8/Vitronectin Receptor alpha/VNRA/antigen identified by monoclonal L230/CD51 antigen//integrin; alpha V (vitronectin receptor; alpha polypeptide; antigen CD51)/Vitronectin receptor subunit alpha/; ITGAV elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	1002
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)

Results of a typical standard run of a human ITGAV ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.313	0.625	1.25	2.5	5	10	20
Y	OD450	0.017	0.125	0.232	0.444	0.823	1.425	1.862	2.289

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ITGAV elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-human ITGAV antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-human ITGAV 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 human ITGAV amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of human ITGAV can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	223468595
NCBI GeneID	3685
NCBI Accession #	NP_001138471.1
NCBI GenBank Nucleotide #	NM_001144999.2
Molecular Weight	111,132 Da
NCBI Official Full Name	integrin alpha-V isoform 2
NCBI Official Synonym Full Names	integrin subunit alpha V
NCBI Official Symbol	ITGAV
NCBI Official Synonym Symbols	CD51; MSK8; VNRA; VTNR
NCBI Protein Information	integrin alpha-V
UniProt Protein Name	Integrin alpha-V
UniProt Gene Name	ITGAV
UniProt Synonym Gene Names	MSK8; VNRA
UniProt Entry Name	ITAV_HUMAN

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://stage.aaabiotech.com/itgav-human-elisa-kits/integrin-alpha-v/100433>