

Human Aminopeptidase N ELISA Kit | CD13 elisa kit

Human Aminopeptidase N ELISA Kit

CATALOG #
AAA101241

REACTIVITY
Human

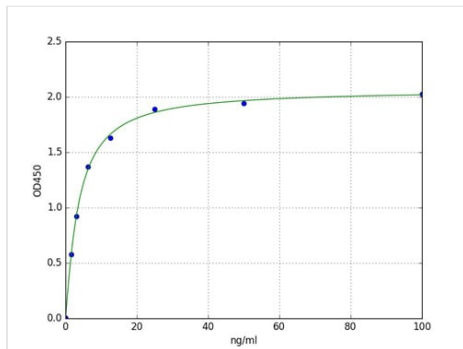
PRODUCT SYNONYMS

Aminopeptidase N; Human Aminopeptidase N ELISA Kit; CD13/AAP/Aminopeptidase N//ANPEP/APN/GP150/LAP1/P150/PEPN; CD13 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	967
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	31.25-2000pg/ml
Sensitivity	18.75pg/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)

Typical Data & Standard Curve

Results of a typical standard run of a CD13 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	1.563	3.125	6.25	12.5	25	50	100
Y	OD450	0.005	0.579	0.895	1.318	1.720	1.954	2.029	2.118

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CD13 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-CD13 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti- CD13 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 CD13 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of CD13 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

157266300

NCBI GeneID	290
NCBI Accession #	NP_001141.2
NCBI GenBank Nucleotide #	NM_001150.2
Molecular Weight	109,540 Da
NCBI Official Full Name	aminopeptidase N
NCBI Official Synonym Full Names	alanyl aminopeptidase, membrane
NCBI Official Symbol	ANPEP
NCBI Official Synonym Symbols	APN; CD13; LAP1; P150; PEPN; GP150
NCBI Protein Information	aminopeptidase N
UniProt Protein Name	Aminopeptidase N
UniProt Gene Name	ANPEP
UniProt Synonym Gene Names	APN; CD13; PEPN; AP-N; hAPN; AP-M
UniProt Entry Name	AMPN_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/cd13-human-elisa-kits/aminopeptidase-n/101241>