

Human Podoplanin ELISA Kit | PDPN elisa kit

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CATALOG #
AAA101704

REACTIVITY
Human

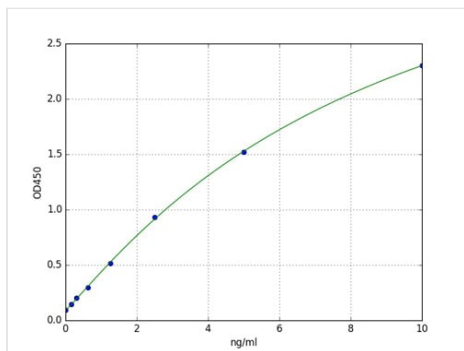
PRODUCT SYNONYMS

Podoplanin; Human Podoplanin ELISA Kit; PDPN/Aggrus/Gp38/RANDAM-2/T1A-2/36-KD/aggrus/AGGRUS/Gp36/GP40/HT1A-1/hT1alpha-1/hT1alpha-2/lung type I cell membrane associated glycoprotein/lung type-I cell membrane-associated glycoprotein (T1A-2)/OTS 8/OTS8/PA2.26 antigen/podoplanin/T1A/T1-alpha; PDPN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	162
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/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 Human PDPN 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	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.012	0.090	0.175	0.403	0.547	0.877	1.731	2.441

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PDPN elisa kit

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	21666312
NCBI GeneID	10630
Molecular Weight	12,421 Da
NCBI Official Full Name	podoplanin
NCBI Official Synonym Full Names	podoplanin
NCBI Official Symbol	PDPN
NCBI Official Synonym Symbols	T1A; GP36; GP40; Gp38; OTS8; T1A2; T11A; T1A-2; AGGRUS; HT1A-1; PA2.26
NCBI Protein Information	podoplanin
UniProt Protein Name	Podoplanin
UniProt Gene Name	PDPN
UniProt Synonym Gene Names	Gp36; T1A
UniProt Entry Name	PDPN_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.

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Online datasheet: <https://stage.aaabiotech.com/pdpn-human-elisa-kits/podoplanin/101704>