

Human Podoplanin (PDPN) ELISA Kit | PDPN elisa kit

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CATALOG #
AAA41889

REACTIVITY
Human

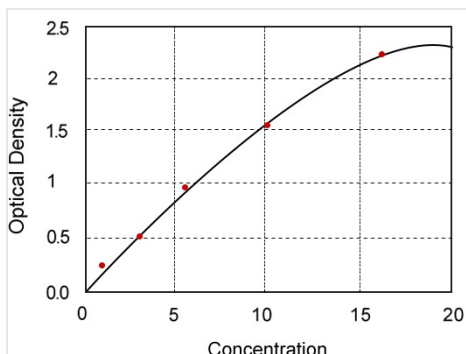
PRODUCT SYNONYMS

Podoplanin (PDPN); Human Podoplanin (PDPN) ELISA Kit; PDPN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	162
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.1ng/ml - 30ng/ml
Sensitivity	0.05ng/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PDPN elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Podoplanin (also known as PDPN) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human PDPN antibody. PDPN present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human PDPN Antibody is added and binds to PDPN in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated PDPN antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human PDPN. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	21666312
NCBI GeneID	10630
Molecular Weight	18,173 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	Gp361 PublicationManual assertion based on opinion iniRef.2; T1ABy similarityManual assertion inferred from sequence similarity toiUniProtKB:Q64294Â (PDPN_RAT); PICD1 PublicationManual assertion based on opinion iniRef.11

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/human-elisa-kits/podoplanin-pdpn/41889>