

Mouse Podoplanin (PDPN) ELISA Kit | PDPN elisa kit

Mouse Podoplanin (PDPN) ELISA Kit

CATALOG #
AAA18954

REACTIVITY
Mouse

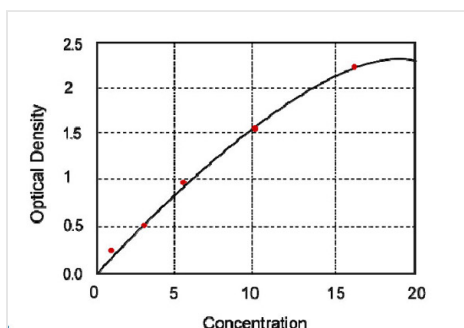
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	162
Samples	Serum, plasma, cell culture supernates, ascites, tissue homogenates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	0.1-40ng/mL
Sensitivity	0.1-40ng/mL
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. 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 Mouse Podoplanin (also known as PDPN) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Mouse PDPN antibody. PDPN present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Mouse 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 Mouse 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/mouse-elisa-kits/podoplanin-pdpn/18954>