

Human Prickle-like protein 1 ELISA Kit | PRICKLE1 elisa kit

Human Prickle-like protein 1 (PRICKLE1) ELISA Kit

CATALOG #
AAA55460

REACTIVITY
Human

PRODUCT SYNONYMS

Prickle-like protein 1; Human Prickle-like protein 1 (PRICKLE1) ELISA Kit; PRICKLE1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human PRICKLE1. No significant cross-reactivity or interference between Human PRICKLE1 and analogues was observed.
Sequence Length	831
Samples	Serum, Plasma, Other biological fluids
Assay Type	Sandwich
Sample Volume	1-200 uL
Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100 Intra-Assay: CV Inter-Assay: CV
Detection Wavelength	450 nm
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for PRICKLE1 elisa kit	Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate PRICKLE1 in samples. An antibody specific for PRICKLE1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PRICKLE1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PRICKLE1 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of PRICKLE1 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	222136680
NCBI GeneID	144165
NCBI Accession #	NP_001138353.1
NCBI GenBank Nucleotide #	NM_001144881.1
UniProt Accession #	Q96MT3 ; Q14C83 ; Q71QF8 ; Q96N00

Molecular Weight	94,300 Da
NCBI Official Full Name	prickle-like protein 1
NCBI Official Synonym Full Names	prickle planar cell polarity protein 1
NCBI Official Symbol	PRICKLE1
NCBI Official Synonym Symbols	RILP; EPM1B
NCBI Protein Information	prickle-like protein 1
UniProt Protein Name	Prickle-like protein 1
UniProt Gene Name	PRICKLE1
UniProt Synonym Gene Names	RILP

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://www.aaabiotech.com/prickle1-human-elisa-kits/prickle-like-protein-1/55460>