

Human Protogenin ELISA Kit | PRTG elisa kit

Human Protogenin ELISA Kit PicoKine

CATALOG # AAA128011	REACTIVITY Human	APPLICATIONS ELISA
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PRODUCT SYNONYMS

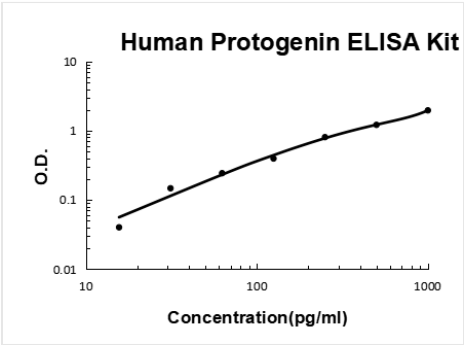
Protogenin; Human Protogenin ELISA Kit PicoKine; PRTG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	cell culture supernatants, serum and plasma (heparin, EDTA)
Assay Range	15.6pg/ml-1,000pg/ml
Sensitivity	<8pg/ml
Capture antibody and Detection antibody	polyclonal antibody from goat polyclonal antibody from goat
Immunogen	Expression system for standard: NS0; Immunogen sequence: F36-A952
Anticoagulant	heparin or EDTA
Cross Reactivity	There is no detectable cross-reactivity with other relevant proteins.
Applicable Applications for PRTG elisa kit	ELISA
Kit Components	Description/Quantity Pre-coated 96-well strip microplate/1 Standard/2 vials, 10 ng/tube Biotinylated antibody (100x)/100ul Avidin-Biotin-Peroxidase Complex (100x)/100ul Sample Diluent/30ml Antibody Diluent/12ml Avidin-Biotin-Peroxidase Diluent/12ml Color Developing Reagent (TMB)/10ml Stop Solution/10ml Wash Buffer (25x)/20ml Adhesive plate sealers/4
Materials Required But Not Provided	Microplate Reader capable of reading absorbance at 450nm. Incubator. Automated plate washer (optional). Pipettes and pipette tips capable of precisely dispensing 0.5ul through 1ml volumes of aqueous solutions. Multichannel pipettes are recommended for large amount of samples. Deionized or distilled water. 500ml graduated cylinders. Test tubes for dilution.
Sample Data	Concentration(pg/ml)015.631.262.51252505001,000O.D.0.0480.0880.1950.2910.4440.8561.2642.024
Intra Assay Consistency & Inter Assay Consistency	Intra-Assay PrecisionInter-Assay PrecisionSample123123n161616242424Mean(pg/ml)24433112636260Standard deviation1.473.0514.961.731.1312.45CV(%)6.1%7.1%4.8%6.6%3.1%4.8%

Reproducibility	LotsLot 1 (pg/ml)Lot 2 (pg/ml)Lot 3 (pg/ml)Lot 4 (pg/ml)Mean (pg/ml)Standard DeviationCV (%)Sample 126282024250.682.8%Sample 2624551475147.8%Sample 32523503523332212.073.8%*number of samples for each test n=16.
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles (Ships with gel ice, can store for up to 3 days in room temperature. Freeze upon receiving.)

IMAGES



Standard Curve (Sample)
Human Protogenin PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for PRTG elisa kit	The brand Picokine indicates this is a premium quality ELISA kit. Each Picokine kit delivers precise quantification, high sensitivity, and excellent reproducibility. Only our most reliable and effective kits qualify as Picokine, guaranteeing top-tier results for your assays.
Product Categories/Family for PRTG elisa kit	PicoKine ELISA Kits

NCBI AND UNIPROT INFORMATION

NCBI GI #	83281200
NCBI GeneID	283659
NCBI Accession #	NP_776175.2
NCBI GenBank Nucleotide #	NM_173814.5
UniProt Accession #	Q2VWP7; Q8N7D8
Molecular Weight	127,076 Da
NCBI Official Full Name	protogenin
NCBI Official Synonym Full Names	protogenin
NCBI Official Symbol	PRTG
NCBI Official Synonym Symbols	IGDCC5
NCBI Protein Information	protogenin
UniProt Protein Name	Protogenin
UniProt Gene Name	PRTG

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.

