

Human PGLYRP1 ELISA Kit | PGLYRP1 elisa kit

Human PGLYRP1 ELISA Kit PicoKine

CATALOG # AAA128018	REACTIVITY Human	APPLICATIONS ELISA
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PRODUCT SYNONYMS

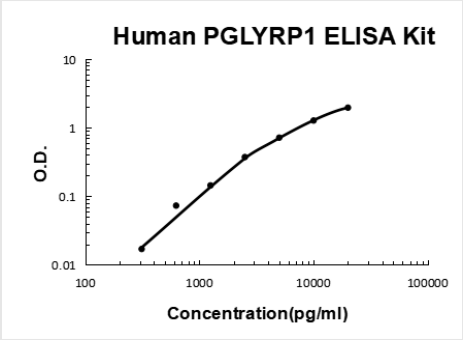
PGLYRP1; Human PGLYRP1 ELISA Kit PicoKine; PGLYRP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	cell culture supernatants, serum and plasma (heparin, EDTA)
Assay Range	312pg/ml-20,000pg/ml
Sensitivity	<150pg/ml
Capture antibody and Detection antibody	polyclonal antibody from goat polyclonal antibody from goat
Immunogen	Expression system for standard: NS0; Immunogen sequence: Q22-P196
Anticoagulant	heparin or EDTA
Cross Reactivity	There is no detectable cross-reactivity with other relevant proteins.
Applicable Applications for PGLYRP1 elisa kit	ELISA
Kit Components	Description/Quantity Pre-coated 96-well strip microplate/1 Standard/2 vials, 20 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)03126251,2502,5005,00010,00020,000O.D.0.0250.0420.0980.1690.3980.7411.2981.987
Intra Assay Consistency & Inter Assay Consistency	Intra-Assay PrecisionInter-Assay Precision Sample123123n161616242424Mean(pg/ml)44571165295648596803Standard deviation12.9534.13241.5741.4526.2357.16CV(%)2.9%4.8%3.7%7.4%3.1%5.3%

Reproducibility	LotsLot 1 (pg/ml)Lot 2 (pg/ml)Lot 3 (pg/ml)Lot 4 (pg/ml)Mean (pg/ml)Standard DeviationCV (%)Sample 14456183494624699.932.1%Sample 27111177669101389332.843.7%Sample 365296675916673587432579.77.8%*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 PGLYRP1 PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for PGLYRP1 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 PGLYRP1 elisa kit	PicoKine ELISA Kits

NCBI AND UNIPROT INFORMATION

NCBI GI #	4827036
NCBI GeneID	8993
NCBI Accession #	NP_005082.1
NCBI GenBank Nucleotide #	NM_005091.2
UniProt Accession #	O75594 ; Q4VB36
Molecular Weight	21,731 Da
NCBI Official Full Name	peptidoglycan recognition protein 1
NCBI Official Synonym Full Names	peptidoglycan recognition protein 1
NCBI Official Symbol	PGLYRP1
NCBI Official Synonym Symbols	PGRP; TAG7; PGRPS; PGLYRP; PGRP-S; TNFSF3L
NCBI Protein Information	peptidoglycan recognition protein 1; TNF superfamily, member 3 (LTB)-like (peptidoglycan recognition protein)
UniProt Protein Name	Peptidoglycan recognition protein 1
UniProt Gene Name	PGLYRP1
UniProt Synonym Gene Names	PGLYRP; PGRP; TNFSF3L; PGRP-S
UniProt Entry Name	PGRP1_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://www.aaabiotech.com/human-elisa-kits/pglyrp1/128018>