

Human PIGR ELISA Kit | PIGR elisa kit

Human PIGR ELISA Kit PicoKine

CATALOG # AAA128012	REACTIVITY Human	APPLICATIONS ELISA
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PRODUCT SYNONYMS

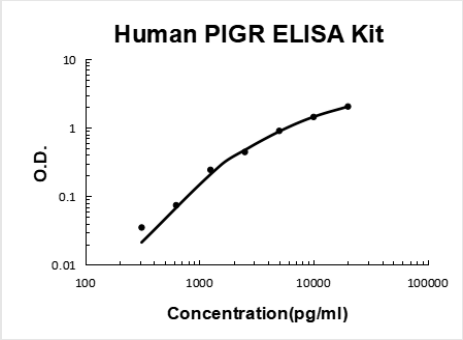
PIGR; Human PIGR ELISA Kit PicoKine; PIGR elisa kit

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: K19-R638
Anticoagulant	heparin or EDTA
Cross Reactivity	There is no detectable cross-reactivity with other relevant proteins.
Applicable Applications for PIGR 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.0.0300.0650.1040.2730.4720.9291.4652.069
Intra Assay Consistency & Inter Assay Consistency	Intra-Assay PrecisionInter-Assay Precision Sample123123n1616162424Mean(pg/ml)557804655453712306237Standard deviation27.8537.87250.3641.5657.93343.66CV(%)5%4.7%3.8%7.7%4.7%5.5%

Reproducibility	LotsLot 1 (pg/ml)Lot 2 (pg/ml)Lot 3 (pg/ml)Lot 4 (pg/ml)Mean (pg/ml)Standard DeviationCV (%)Sample 155754549046351431.76.2%Sample 2804117479263585137.464.4%Sample 365547594752978207374447.626.1%*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 PIGR PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for PIGR 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 PIGR elisa kit	PicoKine ELISA Kits

NCBI AND UNIPROT INFORMATION

NCBI GI #	31377806
NCBI GeneID	5284
NCBI Accession #	NP_002635.2
NCBI GenBank Nucleotide #	NM_002644.3
UniProt Accession #	P01833; Q68D81; Q8IZY7
Molecular Weight	83,284 Da
NCBI Official Full Name	polymeric immunoglobulin receptor
NCBI Official Synonym Full Names	polymeric immunoglobulin receptor
NCBI Official Symbol	PIGR
NCBI Protein Information	polymeric immunoglobulin receptor
UniProt Protein Name	Polymeric immunoglobulin receptor
UniProt Gene Name	PIGR
UniProt Synonym Gene Names	PIgR; Poly-Ig receptor

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.