

Human LRIG1 ELISA Kit | LRIG1 elisa kit

Human LRIG1 ELISA Kit PicoKine

CATALOG # AAA127989	REACTIVITY Human	APPLICATIONS ELISA
-------------------------------	----------------------------	------------------------------

PRODUCT SYNONYMS

LRIG1; Human LRIG1 ELISA Kit PicoKine; LRIG1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	cell culture supernatants, serum and plasma (heparin, EDTA)
Assay Range	31.2pg/ml-2,000pg/ml
Sensitivity	<15pg/ml
Capture antibody and Detection antibody	a polyclonal antibody from goat a biotinylated polyclonal antibody from goat
Immunogen	Expression system for standard: HEK293; Immunogen sequence: A35-S779
Anticoagulant	heparin or EDTA
Cross Reactivity	There is no detectable cross-reactivity with other relevant proteins.
Applicable Applications for LRIG1 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)031.262.51252505001,0002,000O.D.0.0250.0640.1060.3150.7211.3531.5162.043
Intra Assay Consistency & Inter Assay Consistency	Intra-Assay PrecisionInter-Assay PrecisionSample123123n161616242424Mean(pg/ml)44708854783924Standard deviation3.142.634.692.353.4941.67CV(%)7.1%3.7%3.9%5.0%4.2%4.5%

Reproducibility	LotsLot 1 (pg/ml)Lot 2 (pg/ml)Lot 3 (pg/ml)Lot 4 (pg/ml)Mean (pg/ml)Standard DeviationCV (%)Sample 144374245421.764.2%Sample 27073124117964.324.5%Sample 388595398270088025.172.9%*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 LRIG1 PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for LRIG1 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 LRIG1 elisa kit	PicoKine ELISA Kits

NCBI AND UNIPROT INFORMATION

NCBI GI #	54607118
NCBI GeneID	26018
NCBI Accession #	NP_056356.2
NCBI GenBank Nucleotide #	NM_015541.2
UniProt Accession #	Q96JA1; Q6IQ51; Q96CF9; Q9BYB8; Q9UFI4
Molecular Weight	116,378 Da
NCBI Official Full Name	leucine-rich repeats and immunoglobulin-like domains protein 1
NCBI Official Synonym Full Names	leucine-rich repeats and immunoglobulin-like domains 1
NCBI Official Symbol	LRIG1
NCBI Official Synonym Symbols	LIG1; LIG-1
NCBI Protein Information	leucine-rich repeats and immunoglobulin-like domains protein 1; leucine-rich repeat protein LRIG1; ortholog of mouse integral membrane glycoprotein LIG-1
UniProt Protein Name	Leucine-rich repeats and immunoglobulin-like domains protein 1
UniProt Gene Name	LRIG1
UniProt Synonym Gene Names	LIG1; LIG-1
UniProt Entry Name	LRIG1_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.