

Mouse Layilin ELISA Kit | LAYN elisa kit

Mouse Layilin ELISA Kit PicoKine

CATALOG # AAA127984	REACTIVITY Mouse	APPLICATIONS ELISA
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PRODUCT SYNONYMS

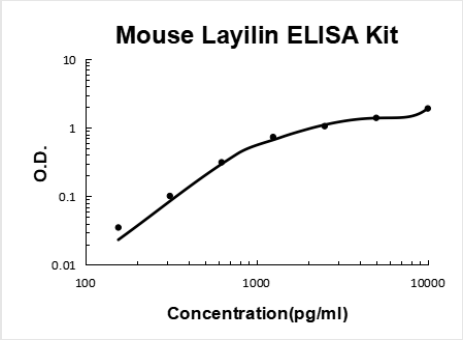
Layilin; Mouse Layilin ELISA Kit PicoKine; LAYN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	cell culture supernatants, serum and plasma (heparin, EDTA)
Assay Range	156pg/ml-10,000pg/ml
Sensitivity	<75pg/ml
Capture antibody and Detection antibody	a polyclonal antibody from goat a biotinylated polyclonal antibody from goat
Immunogen	Expression system for standard: NS0; Immunogen sequence: K18-E229
Anticoagulant	heparin or EDTA
Cross Reactivity	There is no detectable cross-reactivity with other relevant proteins.
Applicable Applications for LAYN 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)01563126251,2502,5005,00010,000O.D.0.0320.0670.1330.3450.7641.0871.4251.942
Intra Assay Consistency & Inter Assay Consistency	Intra-Assay PrecisionInter-Assay PrecisionSample123123n161616242424Mean(pg/ml)26456840841685674163Standard deviation13.3631.52177.2510.3543.49180.26CV(%)5.1%5.6%4.3%6.2%7.7%4.3%

Reproducibility	LotsLot 1 (pg/ml)Lot 2 (pg/ml)Lot 3 (pg/ml)Lot 4 (pg/ml)Mean (pg/ml)Standard DeviationCV (%)Sample 126427627231028119.87.1%Sample 256844938832043111.822.7%Sample 340843288377730183542165.054.7%*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)
Mouse Layilin PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for LAYN 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 LAYN elisa kit	PicoKine ELISA Kits

NCBI AND UNIPROT INFORMATION

NCBI GI #	226958426
NCBI GeneID	244864
NCBI Accession #	NP_001028706.1
NCBI GenBank Nucleotide #	NM_001033534.1
UniProt Accession #	Q8C351 ; Q3TMU7 ; E9QQ23
Molecular Weight	43,269 Da
NCBI Official Full Name	layilin
NCBI Official Synonym Full Names	layilin
NCBI Official Symbol	Layn
NCBI Official Synonym Symbols	Gm511; E030012M19Rik
NCBI Protein Information	layilin
UniProt Protein Name	Layilin
UniProt Gene Name	Layn
UniProt Entry Name	LAYN_MOUSE

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/layn-mouse-elisa-kits/layilin/127984>