

Human LECT2 ELISA Kit | LECT2 elisa kit

Human LECT2 ELISA Kit PicoKine

CATALOG # AAA127987	REACTIVITY Human	APPLICATIONS ELISA
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PRODUCT SYNONYMS

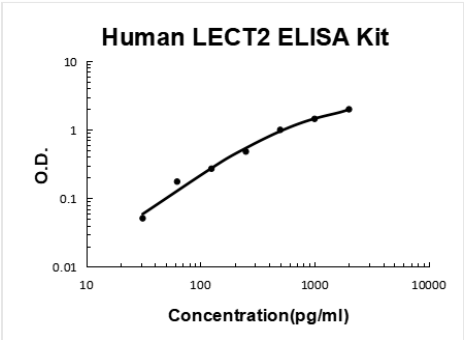
LECT2; Human LECT2 ELISA Kit PicoKine; LECT2 elisa kit

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: G19-L151
Anticoagulant	heparin or EDTA
Cross Reactivity	There is no detectable cross-reactivity with other relevant proteins.
Applicable Applications for LECT2 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)031.262.512525050010002000O.D.0.0150.0660.1900.2850.4951.0101.4552.001
Intra Assay Consistency & Inter Assay Consistency	Intra-Assay PrecisionInter-Assay PrecisionSample123123n161616242424Mean(pg/ml)32989665369748Standard deviation1.755.4448.492.014.3342.04CV(%)5.5%5.6%5%3.8%6.3%5.6%

Reproducibility	LotsLot 1 (pg/ml)Lot 2 (pg/ml)Lot 3 (pg/ml)Lot 4 (pg/ml)Mean (pg/ml)Standard DeviationCV (%)Sample 132385245422.225.3%Sample 29879106108983.763.9%Sample 396672893093789051.465.8%*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 LECT2 PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for LECT2 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 LECT2 elisa kit	PicoKine ELISA Kits

NCBI AND UNIPROT INFORMATION

NCBI GI #	59806345
NCBI GeneID	3950
NCBI Accession #	NP_002293.2
NCBI GenBank Nucleotide #	NM_002302.2
UniProt Accession #	O14960 ; O14565 ; Q52M49 ; B2RA90
Molecular Weight	16,390 Da
NCBI Official Full Name	leukocyte cell-derived chemotaxin-2
NCBI Official Synonym Full Names	leukocyte cell derived chemotaxin 2
NCBI Official Symbol	LECT2
NCBI Official Synonym Symbols	chm2; chm-II
NCBI Protein Information	leukocyte cell-derived chemotaxin-2
UniProt Protein Name	Leukocyte cell-derived chemotaxin-2
UniProt Gene Name	LECT2
UniProt Synonym Gene Names	LECT-2; hLECT2
UniProt Entry Name	LECT2_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/lect2/127987>