

Human Lefty ELISA Kit | Lefty elisa kit

Human Lefty ELISA Kit PicoKine

CATALOG # AAA127988	REACTIVITY Human	APPLICATIONS ELISA
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PRODUCT SYNONYMS

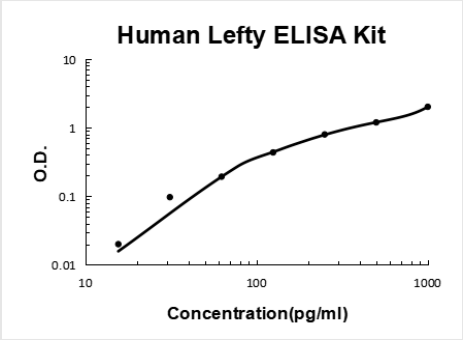
Lefty; Human Lefty ELISA Kit PicoKine; Lefty elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	cell culture supernatants, serum and plasma (heparin, EDTA)
Assay Range	15.6pg/ml-1,000pg/ml
Sensitivity	<8pg/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: F78-P366
Anticoagulant	heparin or EDTA
Cross Reactivity	There is no detectable cross-reactivity with other relevant proteins.
Applicable Applications for Lefty 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)015.631.262.51252505001,000O.D.0.0180.0380.1150.2110.4540.8161.2142.036
Intra Assay Consistency & Inter Assay Consistency	Intra-Assay PrecisionInter-Assay PrecisionSample123123n161616242424Mean(pg/ml)28564492558354Standard deviation1.414.1625.461.133.6226.34CV(%)5%7.1%5.7%4.5%6.2%7.4%

Reproducibility	LotsLot 1 (pg/ml)Lot 2 (pg/ml)Lot 3 (pg/ml)Lot 4 (pg/ml)Mean (pg/ml)Standard DeviationCV (%)Sample 128222422241.516.3%Sample 259335838473.487.4%Sample 344947338037541929.016.9%*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 Lefty PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for Lefty 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 Lefty elisa kit	PicoKine ELISA Kits

NCBI AND UNIPROT INFORMATION

NCBI GI #	10337603
NCBI GeneID	10637
NCBI Accession #	NP_066277.1
NCBI GenBank Nucleotide #	NM_020997.3
UniProt Accession #	O75610 ; Q53H67 ; Q5TE94 ; B2R7U0
Molecular Weight	40,880 Da
NCBI Official Full Name	left-right determination factor 1 preproprotein
NCBI Official Synonym Full Names	left-right determination factor 1
NCBI Official Symbol	LEFTY1
NCBI Official Synonym Symbols	LEFTB; LEFTYB
NCBI Protein Information	left-right determination factor 1; left-right determination factor B; left-right determination, factor B; protein lefty-1; protein lefty-B
UniProt Protein Name	Left-right determination factor 1
UniProt Gene Name	LEFTY1
UniProt Synonym Gene Names	LEFTB; LEFTYB
UniProt Entry Name	LFTY1_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://stage.aaabiotech.com/human-elisa-kits/lefty/127988>