

Human Latrophilin 3 (LPHN3) ELISA Kit | LPHN3 elisa kit

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CATALOG #
AAA64774

REACTIVITY
Human

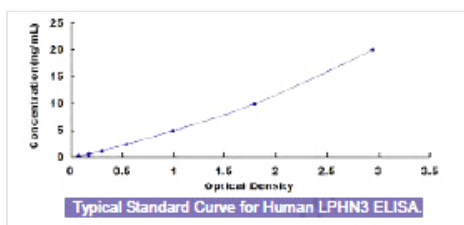
PRODUCT SYNONYMS

Latrophilin 3 (LPHN3); Human Latrophilin 3 (LPHN3) ELISA Kit; LPHN3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of LPHN3. No significant cross-reactivity or interference between LPHN3 and analogues was observed.
Sequence Length	1240
Samples	Tissue homogenates, cell lysates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.312-20ng/mL
Sensitivity	0.114ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level LPHN3 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level LPHN3 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LPHN3 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of LPHN3 in human tissue homogenates, cell lysates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to LPHN3. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to LPHN3. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain LPHN3, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of LPHN3 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1016776419
NCBI GeneID	23284
NCBI Accession #	NP_001309175.1
NCBI GenBank Nucleotide #	NM_001322246.1
UniProt Accession #	Q9HAR2; O94867; Q9NWK5; E9PE04
Molecular Weight	164,580 Da
NCBI Official Full Name	adhesion G protein-coupled receptor L3 isoform 3
NCBI Official Synonym Full Names	adhesion G protein-coupled receptor L3
NCBI Official Symbol	ADGRL3
NCBI Official Synonym Symbols	CL3; LEC3; CIRL3; LPHN3
NCBI Protein Information	adhesion G protein-coupled receptor L3
UniProt Protein Name	Adhesion G protein-coupled receptor L3
UniProt Gene Name	ADGRL3
UniProt Synonym Gene Names	CIRL-3

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.