

Human Endothelin B receptor-like protein 2 (GPR37L1) ELISA Kit | GPR37L1 elisa kit

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CATALOG #
AAA56020

REACTIVITY
Human

PRODUCT SYNONYMS

Endothelin B receptor-like protein 2 (GPR37L1); Human Endothelin B receptor-like protein 2 (GPR37L1) ELISA Kit; ET(B)R-LP-2; ETBR-LP-2; G-protein coupled receptor 37 like 1; endothelin type b receptor-like protein 2; GPR37L1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human GPR37L1. No significant cross-reactivity or interference between Human GPR37L1 and analogues was observed.
Sequence Length	481
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	0.156 ng/mL - 10 ng/mL
Sensitivity	0.1 ng/mL (mean of 6 independent assays)
Detection Wavelength	450 nm
Intra-assay Precision (Precision within an assay)	Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision.
Inter-assay Precision (Precision between assays)	Three samples of known concentration were tested in forty separate assays to assess inter-assay precision.
CV (%)	= SD/meanX100
Intra-Assay	CV
Inter-Assay	CV
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for GPR37L1 elisa kit

Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate GPR37L1 in Human serum, plasma, tissue homogenates. An antibody specific for GPR37L1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any GPR37L1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for GPR37L1 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of GPR37L1 bound in the initial step. The color development is stopped and the intensity of the color is measured.

Intended Uses: For the quantitative detection of Human Endothelin B receptor-like protein 2 (GPR37L1) concentration in serum, plasma, tissue homogenates and other biological fluids.

NCBI AND UNIPROT INFORMATION

NCBI GI #	134244291
NCBI GeneID	9283
NCBI Accession #	NP_004758.3
NCBI GenBank Nucleotide #	NM_004767.4
UniProt Accession #	O60883; Q5SXP7; Q86VP7; B2R7M9
Molecular Weight	52,771 Da
NCBI Official Full Name	prosaposin receptor GPR37L1
NCBI Official Synonym Full Names	G protein-coupled receptor 37 like 1
NCBI Official Symbol	GPR37L1
NCBI Official Synonym Symbols	ETBRLP2; ETBR-LP-2; ET(B)R-LP-2
NCBI Protein Information	prosaposin receptor GPR37L1
UniProt Protein Name	Prosaposin receptor GPR37L1
UniProt Gene Name	GPR37L1
UniProt Synonym Gene Names	ETBRLP2; ETBR-LP-2

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/human-elisa-kits/endothelin-b-receptor-like-protein-2-gpr37l1/56020>