

Human Low Density Lipoprotein Receptor Related Protein 8 ELISA Kit | LRP8 elisa kit

Human Low Density Lipoprotein Receptor Related Protein 8 (LRP8) (Sandwich ELISA) ELISA Kit

CATALOG #
AAA190047

REACTIVITY
Human

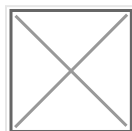
PRODUCT SYNONYMS

Low Density Lipoprotein Receptor Related Protein 8; Human Low Density Lipoprotein Receptor Related Protein 8 (LRP8) (Sandwich ELISA) ELISA Kit; APOER2; Apolipoprotein E Receptor 2; ELISA Kit for Low Density Lipoprotein Receptor Related Protein 8 (LRP8); LRP8 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of LRP8. No significant cross-reactivity or interference between LRP8 and analogues was observed.
Assay Type	Quantitative Sandwich
Samples	Human tissue homogenates, cell lysates and other biological fluids
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 LRP8 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 LRP8 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	4 degree C for 1 month/ -20 degree C for long-term(within shelf life). Shelf life is one year

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LRP8 elisa kit

Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to LRP8. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to LRP8. 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 LRP8, 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 $\pm$ 10nm. The concentration of LRP8 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of LRP8 in human tissue homogenates, cell lysates and other biological fluids.

Product Categories/Family for LRP8 elisa kit

[Metabolic pathway](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	65301119
NCBI GeneID	7804
NCBI Accession #	NP_001018064.1
NCBI GenBank Nucleotide #	NM_001018054.2
UniProt Accession #	Q14114; O14968; Q86V27; Q99876; Q9BR78; B1AMT6; B1AMT7; B1AMT8
Molecular Weight	105,634 Da
NCBI Official Full Name	low-density lipoprotein receptor-related protein 8 isoform 4
NCBI Official Synonym Full Names	low density lipoprotein receptor-related protein 8, apolipoprotein e receptor
NCBI Official Symbol	LRP8
NCBI Official Synonym Symbols	MCI1; LRP-8; APOER2; HSZ75190
NCBI Protein Information	low-density lipoprotein receptor-related protein 8; ApoE receptor 2
UniProt Protein Name	Low-density lipoprotein receptor-related protein 8
UniProt Gene Name	LRP8
UniProt Synonym Gene Names	APOER2; LRP-8
UniProt Entry Name	LRP8_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/lrp8-human-elisa-kits/low-density-lipoprotein-receptor-related-protein-8/190047>