

Mouse Low Density Lipoprotein Receptor Related Protein 6 (LRP6) ELISA Kit | Lrp6 elisa kit

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CATALOG # AAA219804	REACTIVITY Mouse
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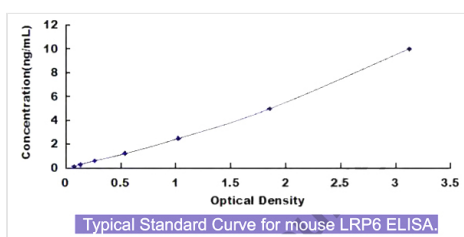
PRODUCT SYNONYMS

Low Density Lipoprotein Receptor Related Protein 6 (LRP6); Mouse Low Density Lipoprotein Receptor Related Protein 6 (LRP6) ELISA Kit; Lrp6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of LRP6. No significant cross-reactivity or interference between LRP6 and analogues was observed.
Assay Type	Quantitative Sandwich
Samples	Mouse serum, plasma, tissue homogenates or other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	< 0.067ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level LRP6 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 LRP6 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Shelf Life: 12 months

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Lrp6 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to LRP6. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to LRP6. 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 LRP6, 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 LRP6 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 the in vitro quantitative measurement of LRP6 in mouse serum, plasma, tissue homogenates or other biological fluids.
Product Categories/Family for Lrp6 elisa kit	Traditional ELISA Kit

NCBI AND UNIPROT INFORMATION

NCBI GI #	148727327
NCBI GeneID	16974
NCBI Accession #	NP_032540.2
NCBI GenBank Nucleotide #	NM_008514.4
UniProt Accession #	O88572
Molecular Weight	180,255 Da
NCBI Official Full Name	low-density lipoprotein receptor-related protein 6
NCBI Official Synonym Full Names	low density lipoprotein receptor-related protein 6
NCBI Official Symbol	Lrp6
NCBI Official Synonym Symbols	Cd; Gw; ska26; skax26; ska<m26Jus>; C030016K15Rik
NCBI Protein Information	low-density lipoprotein receptor-related protein 6; LRP-6; crooked; low density lipoprotein-related protein 6; low density lipoprotein receptor-related protein 6; low density lipoprotein-related protein 6
UniProt Protein Name	Low-density lipoprotein receptor-related protein 6
UniProt Gene Name	Lrp6
UniProt Synonym Gene Names	LRP-6
UniProt Entry Name	LRP6_MOUSE

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/mouse-elisa-kits/low-density-lipoprotein-receptor-related-protein-6-lrp6/219804>