

Human Low-density lipoprotein receptor-related protein 4 ELISA Kit | LRP4 elisa kit

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CATALOG #
AAA97814

REACTIVITY
Human

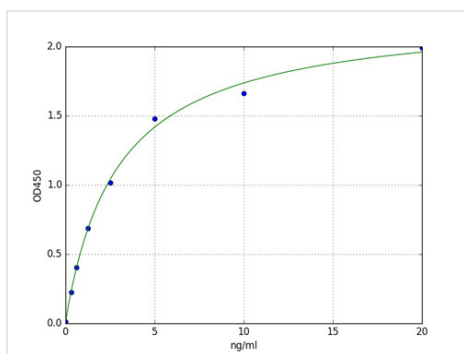
PRODUCT SYNONYMS

Low-density lipoprotein receptor-related protein 4; Human Low-density lipoprotein receptor-related protein 4 ELISA Kit; LRP4 (Low-density lipoprotein receptor-related protein 4)/LRP10/LRP-4/MEGF7/CLSS/low density lipoprotein receptor-related protein 4/Multiple epidermal growth factor-like domains 7; LRP4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	1905
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Results of a typical standard run of a Human LRP4 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.313	0.625	1.25	2.5	5	10	20
Y	OD450	0.103	0.166	0.238	0.279	0.504	0.852	1.599	2.071

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LRP4 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human LRP4 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human LRP4 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRPStreptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human LRP4 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human LRP4 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	157384998
NCBI GeneID	4038
NCBI Accession #	NP_002325.2
NCBI GenBank Nucleotide #	NM_002334.3
Molecular Weight	212,045 Da
NCBI Official Full Name	low-density lipoprotein receptor-related protein 4
NCBI Official Synonym Full Names	LDL receptor related protein 4
NCBI Official Symbol	LRP4
NCBI Official Synonym Symbols	CLSS; CMS17; LRP-4; LRP10; MEGF7; SOST2
NCBI Protein Information	low-density lipoprotein receptor-related protein 4
UniProt Protein Name	Low-density lipoprotein receptor-related protein 4
UniProt Gene Name	LRP4
UniProt Synonym Gene Names	KIAA0816; LRP10; MEGF7; LRP-4
UniProt Entry Name	LRP4_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/lrp4-human-elisa-kits/low-density-lipoprotein-receptor-related-protein-4/97814>