

Goat Low-density lipoprotein-receptor-related protein 6 ELISA Kit | LRP6 elisa kit

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CATALOG #
AAA90189

REACTIVITY
Goat

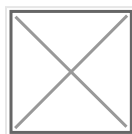
PRODUCT SYNONYMS

Low-density lipoprotein-receptor-related protein 6; Goat Low-density lipoprotein-receptor-related protein 6 ELISA Kit; LRP6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Goat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LRP6 elisa kit

For samples: Serum, plasma, cell culture supernatants, body fluid and tissue homogenate

INTENDED USE This LRP6 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Goat LRP6. This ELISA kit for research use only!

PRINCIPLE OF THE ASSAY LRP6 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-LRP6 antibody and an LRP6-HRP conjugate. The assay sample and buffer are incubated together with LRP6-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the LRP6 concentration since LRP6 from samples and LRP6-HRP conjugate compete for the anti-LRP6 antibody binding site. Since the number of sites is limited, as more sites are occupied by LRP6 from the sample, fewer sites are left to bind LRP6-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The LRP6 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for LRP6 elisa kit

Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #

148727288

NCBI GeneID	4040
NCBI Accession #	NP_002327.2
NCBI GenBank Nucleotide #	NM_002336.2
UniProt Accession #	O75581; Q17RZ2; Q59EX8; Q9UQH4
Molecular Weight	180,429 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	ADCAD2
NCBI Protein Information	low-density lipoprotein receptor-related protein 6; LRP-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_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/lrp6-goat-elisa-kits/low-density-lipoprotein-receptor-related-protein-6/90189>