

Human Sortilin-related receptor ELISA Kit | SORL1 elisa kit

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CATALOG #
AAA100517

REACTIVITY
Human

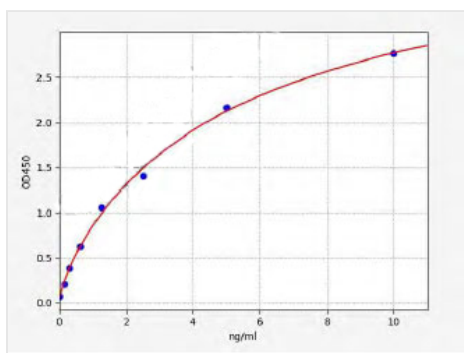
PRODUCT SYNONYMS

Sortilin-related receptor; Human Sortilin-related receptor ELISA Kit; SORL1/Low-density lipoprotein receptor relative with 11 ligand-binding repeats/LDLR relative with 11 ligand-binding repeats/LR11/SorLA-1/Sorting protein-related receptor; SORL1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of SORL1. No significant cross -reactivity or interference between SORL1 and analogues was observed.
Sequence Length	2214
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
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)

ADDITIONAL INFORMATION

Related Product Information for SORL1 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96-well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP -Streptavidin 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 target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4507157
NCBI GeneID	6653
NCBI Accession #	NP_003096.1
NCBI GenBank Nucleotide #	NM_003105.5
Molecular Weight	248,426 Da
NCBI Official Full Name	sortilin-related receptor preproprotein
NCBI Official Synonym Full Names	sortilin-related receptor, L(DLR class) A repeats containing
NCBI Official Symbol	SORL1
NCBI Official Synonym Symbols	LR11; LRP9; SORLA; gp250; SorLA-1; C11orf32
NCBI Protein Information	sortilin-related receptor
UniProt Protein Name	Sortilin-related receptor
UniProt Gene Name	SORL1
UniProt Synonym Gene Names	C11orf32; LDLR relative with 11 ligand-binding repeats; LR11; SorLA
UniProt Entry Name	SORL_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://www.aaabiotech.com/sorl1-human-elisa-kits/sortilin-related-receptor/100517>