

Human sortilin-related receptor, L (DLR class) A repeats-containing ELISA Kit | SORL1 elisa kit

Human Sortilin-related receptor, SORL1 ELISA Kit

CATALOG #
AAA112344

REACTIVITY
Human

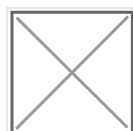
PRODUCT SYNONYMS

sortilin-related receptor; L (DLR class) A repeats-containing; Human Sortilin-related receptor; SORL1 ELISA Kit; Human Sortilin-related receptor (SORL1) ELISA kit; C11orf32; FLJ21930; FLJ39258; LR11; LRP9; SORLA; SorLA-1; gp250; mosaic protein LR11; sortilin-related receptor containing LDLR class A repeats; SORL1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human SORL1. No significant cross-reactivity or interference between human SORL1 and analogues was observed.
Sequence Length	2214
Samples	Serum, plasma, tissue homogenates, cell lysates
Assay Type	Quantitative Sandwich
Detection Range	0.156 ng/ml-10 ng/ml
Sensitivity	< 0.039 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SORL1 elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for SORL1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SORL1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SORL1 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of SORL1 bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507157
NCBI GeneID	6653
NCBI Accession #	NP_003096.1
NCBI GenBank Nucleotide #	NM_003105.5
UniProt Accession #	Q92673; Q92856; B2RNX7
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; mosaic protein LR11; LDLR relative with 11 ligand-binding repeats; sortilin-related receptor, L(DLR class) A repeats-containing; sorting protein-related receptor containing LDLR class A repeats; low-density lipoprotein receptor relative with 11 ligand-binding repeats
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/sorl1-human-elisa-kits/sortilin-related-receptor-l-dlr-class-a-repeats-containing/112344>