

Human sortilin 1 ELISA Kit | SORT1 elisa kit

Human Sortilin, SORT1 ELISA Kit

CATALOG #
AAA18335

REACTIVITY
Human

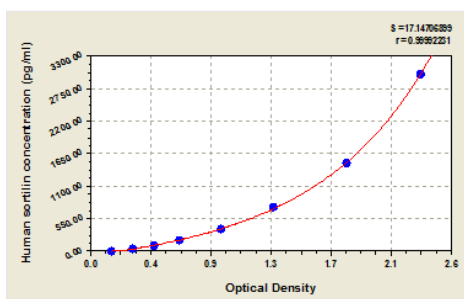
PRODUCT SYNONYMS

sortilin 1; Human Sortilin; SORT1 ELISA Kit; Human Sortilin (SORT1) ELISA kit; Gp95; NT3; neurotensin receptor 3; SORT1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human SORT1. No significant cross-reactivity or interference between human SORT1 and analogues was observed.
Sequence Length	694
Samples	Serum, plasma, tissue homogenates, cell lysates
Assay Type	Quantitative Sandwich
Detection Range	46.88 pg/ml-3000 pg/ml
Sensitivity	< 11.72 pg/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 SORT1 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for SORT1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SORT1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SORT1 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 SORT1 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	327315343
NCBI GeneID	6272
NCBI Accession #	NP_001192157.1
NCBI GenBank Nucleotide #	NM_001205228.1
UniProt Accession #	Q99523; Q8IZ49; B4DWI3; C0JYZ0
Molecular Weight	92,068 Da
NCBI Official Full Name	sortilin isoform 2
NCBI Official Synonym Full Names	sortilin 1
NCBI Official Symbol	SORT1
NCBI Official Synonym Symbols	NT3; Gp95; LDLCQ6
NCBI Protein Information	sortilin; NTR3; glycoprotein 95; 100 kDa NT receptor; neurotensin receptor 3
UniProt Protein Name	Sortilin
UniProt Gene Name	SORT1
UniProt Synonym Gene Names	Gp95; NT3; NTR3
UniProt Entry Name	SORT_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/sort1-human-elisa-kits/sortilin-1/18335>