

Human Sortilin 1 (SORT1) ELISA Kit | SORT1 elisa kit

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CATALOG #
AAA65437

REACTIVITY
Human

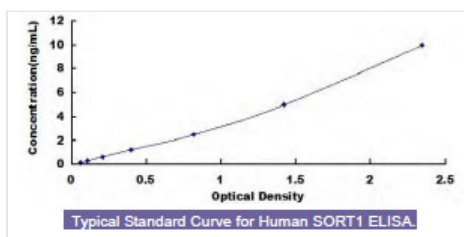
PRODUCT SYNONYMS

Sortilin 1 (SORT1); Human Sortilin 1 (SORT1) ELISA Kit; NT3; Gp95; NTR3; 100 kDa NT receptor; Glycoprotein 95; Neurotensin receptor 3; SORT1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of SORT1. No significant cross-reactivity or interference between SORT1 and analogues was observed.
Sequence Length	694
Samples	Tissue homogenates, cell lysates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.061ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level SORT1 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level SORT1 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SORT1 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of SORT1 in human tissue homogenates, cell lysates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to SORT1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to SORT1. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain SORT1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of SORT1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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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	77,375 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; NTR3; LDLCQ6
NCBI Protein Information	sortilin
UniProt Protein Name	Sortilin
UniProt Gene Name	SORT1
UniProt Synonym Gene Names	Gp95; NT3; NTR3

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.