

Human Sortilin (SORT1) ELISA Kit | SORT1 elisa kit

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CATALOG #
AAA330768

REACTIVITY
Human

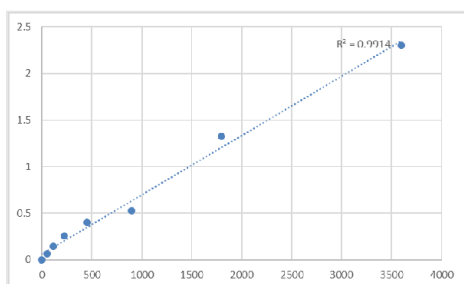
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Sortilin (SORT1) ELISA Kit 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	831
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Sortilin (SORT1) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for SORT1 elisa kit	Description: This Human Sortilin (SORT1) ELISA Kit employs a two-site sandwich ELISA to quantitate SORT1 in samples. An 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, Streptavidin 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. Background: Sortilin (SORT1) encodes a member of the VPS10-related sortilin family of proteins. The encoded preproprotein is proteolytically processed by furin to generate the mature receptor. This receptor plays a role in the trafficking of different proteins to either the cell surface, or subcellular compartments such as lysosomes and endosomes. Expression levels of SORT1 may influence the risk of myocardial infarction in human patients. Alternative splicing results in multiple transcript variants.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	84028263
NCBI GeneID	6272
UniProt Accession #	Q99523
NCBI Official Full Name	Sortilin
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
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://www.aaabiotech.com/human-elisa-kits/sortilin-sort1/330768>