

Human Magnesium transporter NIPA1 (NIPA1) ELISA Kit | NIPA1 elisa kit

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CATALOG #
AAA44166

REACTIVITY
Human

PRODUCT SYNONYMS

Magnesium transporter NIPA1 (NIPA1); Human Magnesium transporter NIPA1 (NIPA1) ELISA Kit; NIPA1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	254
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05ng/ml - 30ng/ml
Sensitivity	0.027ng/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NIPA1 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Magnesium Transporter NIPA1 (also known as NIPA1) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human NIPA1 antibody. NIPA1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human NIPA1 Antibody is added and binds to NIPA1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated NIPA1 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human NIPA1. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	214010179
NCBI GeneID	123606
NCBI Accession #	NP_001135747.1
NCBI GenBank Nucleotide #	NM_001142275.1
UniProt Accession #	Q7RTP0; Q5HYA9; Q7KZB0; Q86XW4; B2RA76
Molecular Weight	27,310 Da
NCBI Official Full Name	magnesium transporter NIPA1 isoform 2
NCBI Official Synonym Full Names	NIPA magnesium transporter 1
NCBI Official Symbol	NIPA1
NCBI Official Synonym Symbols	FSP3; SPG6; SLC57A1
NCBI Protein Information	magnesium transporter NIPA1
UniProt Protein Name	Magnesium transporter NIPA1
UniProt Gene Name	NIPA1
UniProt Synonym Gene Names	SPG6

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/human-elisa-kits/magnesium-transporter-nipa1-nipa1/44166>