

Human Proton myo-inositol cotransporter ELISA Kit | SLC2A13 elisa kit

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CATALOG #
AAA99231

REACTIVITY
Human

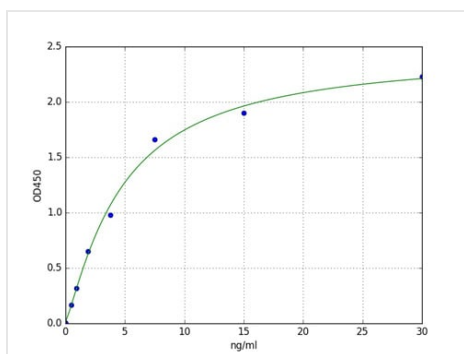
PRODUCT SYNONYMS

Proton myo-inositol cotransporter; Human Proton myo-inositol cotransporter ELISA Kit; SLC2A13/Proton myo-inositol cotransporter/H (+)-myo-inositol cotransporter/Hmit/H (+)-myo-inositol symporter/Solute carrier family 2 member 13; SLC2A13 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	648
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.469-30ng/ml
Sensitivity	0.281ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Human SLC2A13 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A-not applicable)

X	ng/ml	0	0.469	0.938	1.875	3.75	7.5	15	30
Y	OD450	0.015	0.062	0.095	0.194	0.415	0.823	1.7142	2.650

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SLC2A13 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human SLC2A13antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human SLC2A13 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human SLC2A13 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human SLC2A13can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	203098995
NCBI GeneID	114134
NCBI Accession #	NP_443117.3
NCBI GenBank Nucleotide #	NM_052885.3
Molecular Weight	70,371 Da
NCBI Official Full Name	proton myo-inositol cotransporter
NCBI Official Synonym Full Names	solute carrier family 2 member 13
NCBI Official Symbol	SLC2A13
NCBI Official Synonym Symbols	HMIT
NCBI Protein Information	proton myo-inositol cotransporter
UniProt Protein Name	Proton myo-inositol cotransporter
UniProt Gene Name	SLC2A13
UniProt Synonym Gene Names	H(+)-myo-inositol cotransporter; Hmit
UniProt Entry Name	MYCT_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/slc2a13-human-elisa-kits/proton-myo-inositol-cotransporter/99231>