

Human SLC5A8 (Solute carrier family 5 member 8) ELISA Kit | SLC5A8 elisa kit

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CATALOG #
AAA249297

REACTIVITY
Human

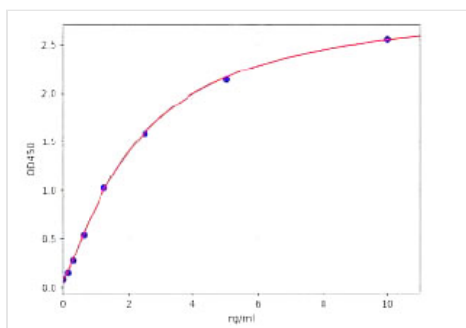
PRODUCT SYNONYMS

SLC5A8 (Solute carrier family 5 member 8); Human SLC5A8 (Solute carrier family 5 member 8) ELISA Kit; Sodium-coupled monocarboxylate transporter 1; Apical iodide transporter; Electrogenic sodium monocarboxylate cotransporter; Sodium iodide-related cotransporter; Solute carrier family 5 member 8; SLC5A8 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of SLC5A8. No significant cross-reactivity or interference between SLC5A8 and analogues was observed.
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
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)

ADDITIONAL INFORMATION

Related Product Information for SLC5A8 elisa kit

Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96-well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed 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 target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	296452898
NCBI GeneID	160728
UniProt Accession #	Q8N695; Q2TB99; Q7Z2H9
Molecular Weight	110.0
NCBI Official Full Name	Sodium-coupled monocarboxylate transporter 1
NCBI Official Synonym Full Names	solute carrier family 5 (sodium/monocarboxylate cotransporter), member 8
NCBI Official Symbol	SLC5A8
NCBI Official Synonym Symbols	AIT; SMCT; SMCT1
NCBI Protein Information	sodium-coupled monocarboxylate transporter 1; apical iodide transporter; solute carrier family 5 member 8; sodium iodide-related cotransporter; electrogenic sodium monocarboxylate cotransporter; solute carrier family 5 (iodide transporter), member 8
UniProt Protein Name	Sodium-coupled monocarboxylate transporter 1
UniProt Gene Name	SLC5A8
UniProt Synonym Gene Names	AIT; SMCT; SMCT1
UniProt Entry Name	SC5A8_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/slc5a8-solute-carrier-family-5-member-8/249297>