

Mouse Sugar transporter SWEET1 ELISA Kit | Slc50a1 elisa kit

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CATALOG #
AAA56130

REACTIVITY
Mouse

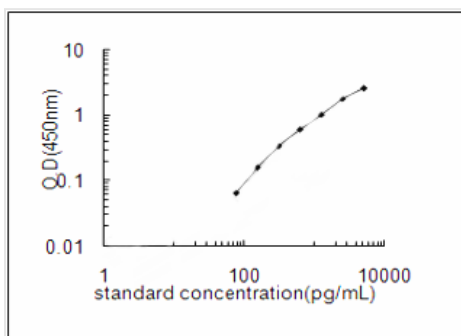
PRODUCT SYNONYMS

Sugar transporter SWEET1; Mouse Sugar transporter SWEET1 ELISA Kit; Slc50a1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay recognizes recombinant and natural mouse MmSWEET1. No significant cross-reactivity or interference was observed.
Sequence Length	221
Assay Type	Sandwich
Detection Range	78-5000 pg/ml
Sensitivity	39.4 pg/mL
Intra-Assay CV	<=6.2%
Inter-Assay CV	<=8.5%
Recovery	98%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Slc50a1 elisa kit

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to MmSWEET1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for MmSWEET1 and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain MmSWEET1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm $\pm$ 2 nm. The concentration of MmSWEET1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	188497726
NCBI GeneID	19729
NCBI Accession #	NP_033083.2
NCBI GenBank Nucleotide #	NM_009057.3
UniProt Accession #	Q9CXXK4; Q62275
Molecular Weight	24,649 Da
NCBI Official Full Name	sugar transporter SWEET1
NCBI Official Synonym Full Names	solute carrier family 50 (sugar transporter), member 1
NCBI Official Symbol	Slc50a1
NCBI Official Synonym Symbols	Rga; Rag1ap1; MmSWEET1
NCBI Protein Information	sugar transporter SWEET1
UniProt Protein Name	Sugar transporter SWEET1
UniProt Gene Name	Slc50a1
UniProt Synonym Gene Names	Rag1ap1; Rga; MmSWEET1
UniProt Entry Name	SWET1_MOUSE

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/slc50a1-mouse-elisa-kits/sugar-transporter-sweet1/56130>