Mouse Sodium-dependent noradrenaline transporter ELISA Kit | Slc6a2 elisa kit

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CATALOG #	REACTIVITY
AAA102376	**Mouse**

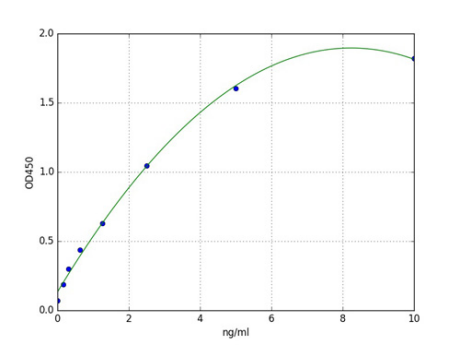
PRODUCT SYNONYMS

Sodium-dependent noradrenaline transporter; Mouse Sodium-dependent noradrenaline transporter ELISA Kit; Slc6a2/Sodium-dependent noradrenaline transporter/Norepinephrine transporter/NET/Solute carrier family 6 member 2; Slc6a2 elisa kit

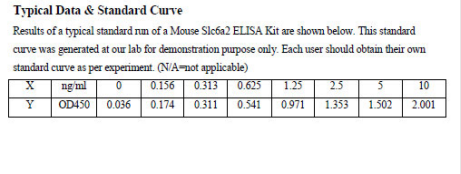
PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	628
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
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 Mouse Slc6a2 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	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.036	0.174	0.311	0.541	0.971	1.353	1.502	2.001

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Slc6a2 elisa kit	Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Mouse Slc6a2 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Mouse Slc6a2 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 Mouse Slc6a2 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Mouse Slc6a2 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	289191377
NCBI GeneID	6530
NCBI Accession #	NP_001165975.1
NCBI GenBank Nucleotide #	NM_001172504.1
Molecular Weight	57,370 Da
NCBI Official Full Name	sodium-dependent noradrenaline transporter isoform 1
NCBI Official Synonym Full Names	solute carrier family 6 (neurotransmitter transporter), member 2
NCBI Official Symbol	SLC6A2
NCBI Official Synonym Symbols	NET; NAT1; NET1; SLC6A5
NCBI Protein Information	sodium-dependent noradrenaline transporter
UniProt Protein Name	Sodium-dependent noradrenaline transporter
UniProt Gene Name	**SLC6A2**
UniProt Synonym Gene Names	NAT1; NET1; SLC6A5; NET
UniProt Entry Name	SC6A2_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/slc6a2-mouse-elisa-kits/sodium-dependent-noradrenaline-transporter/102376