

Mouse Npc1 (NPC intracellular cholesterol transporter 1) ELISA Kit | Npc1 elisa kit

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CATALOG #
AAA249782

REACTIVITY
Mouse

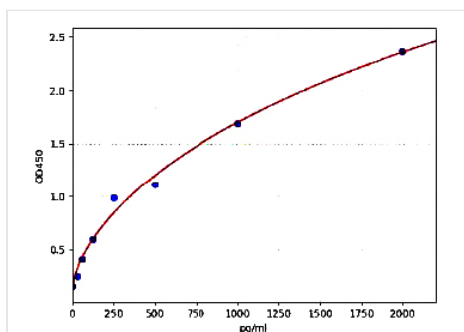
PRODUCT SYNONYMS

Npc1 (NPC intracellular cholesterol transporter 1); Mouse Npc1 (NPC intracellular cholesterol transporter 1) ELISA Kit; NPC intracellular cholesterol transporter 1; Niemann-Pick C1 protein; Npc1; Npc1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Npc1. No significant cross-reactivity or interference between Npc1 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	31.25-2000pg/ml
Sensitivity	18.75pg/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 Npc1 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 #	89242146
NCBI GeneID	18145
NCBI Accession #	NP_032746.2
NCBI GenBank Nucleotide #	NM_008720.2
UniProt Accession #	O35604; O35605; G3X8W9
Molecular Weight	142,885 Da
NCBI Official Full Name	Niemann-Pick C1 protein
NCBI Official Synonym Full Names	Niemann-Pick type C1
NCBI Official Symbol	Npc1
NCBI Official Synonym Symbols	spm; lcsd; C85354; nmf164; D18Ertd139e; D18Ertd723e; A430089E03Rik
NCBI Protein Information	Niemann-Pick C1 protein
UniProt Protein Name	Niemann-Pick C1 protein
UniProt Gene Name	Npc1
UniProt Entry Name	NPC1_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.

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Online datasheet: <https://stage.aaabiotech.com/mouse-elisa-kits/npc1-npc-intracellular-cholesterol-transporter-1/249782>