

Human Npc Intracellular Cholesterol Transporter 2, NPC2 ELISA Kit | NPC2 elisa kit

Human Npc Intracellular Cholesterol Transporter 2, NPC2 Primacu ELISA Kit

CATALOG #
AAA124109

REACTIVITY
Human

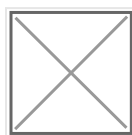
PRODUCT SYNONYMS

Npc Intracellular Cholesterol Transporter 2; NPC2; Human Npc Intracellular Cholesterol Transporter 2; NPC2 Primacu ELISA Kit; NPC intracellular cholesterol transporter 2; HE1; NPC2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Assay Type	Sandwich
Samples	Serum, plasma, cell culture supernates
Detection Range	156.25-10000pg/mL
Sensitivity	41.67pg/mL
Standard Solution	100ng/mL
Assay Time	3.5h
Preparation and Storage	Store at 2-8 degree C

IMAGES



Standard Curve (Sample)

Typical Testing Data/Standard Curve (for reference only)

ADDITIONAL INFORMATION

Related Product Information for NPC2 elisa kit	Niemann-Pick Type C2 (NPC2) plays an important role in the regulation of intracellular cholesterol homeostasis via direct binding with free cholesterol. NPC2 is an intralysosomal protein that binds cholesterol in vitro. NPC2 is a small lysosomal glycoprotein that binds cholesterol with submicromolar affinity. Deficiency in NPC2 is the cause of Niemann-Pick type C2 disease, a fatal neurovisceral disorder characterized by the accumulation of cholesterol in lysosomes. Niemann-Pick disease, type C2 (NPC2) protein is one of the most abundant components of the epididymal fluid and contains a functional cholesterol-binding site that can transfer cholesterol between membranes, it has been suggested for years that NPC2 could be involved in the regulation of cholesterol levels in spermatozoa during epididymal maturation.
Product Categories/Family for NPC2 elisa kit	Primacu ELISA Kit; Cardiovascular; Neuroscience; Metabolism; Signal transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	5453678
NCBI GeneID	10577

NCBI Accession #	NP_006423
NCBI GenBank Nucleotide #	NM_006432
UniProt Accession #	P61916 ; Q15668 ; Q29413 ; B4DQV7
Molecular Weight	13,416 Da
NCBI Official Full Name	epididymal secretory protein E1
NCBI Official Synonym Full Names	Niemann-Pick disease, type C2
NCBI Official Symbol	NPC2
NCBI Official Synonym Symbols	HE1; EDDM1
NCBI Protein Information	epididymal secretory protein E1; Niemann-Pick disease type C2 protein; epididymal protein 1; human epididymis-specific protein 1; tissue-specific secretory protein
UniProt Protein Name	Epididymal secretory protein E1
UniProt Gene Name	NPC2
UniProt Synonym Gene Names	HE1; He1
UniProt Entry Name	NPC2_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/human-elisa-kits/npc-intracellular-cholesterol-transporter-2-npc2/124109>