

Human Epididymal secretory protein E1, NPC2 ELISA Kit | NPC2 elisa kit

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CATALOG #
AAA123526

REACTIVITY
Human

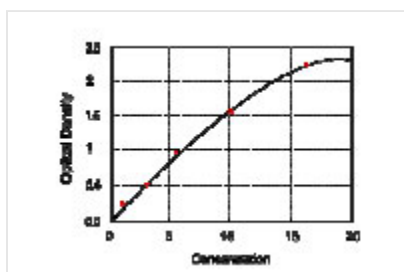
PRODUCT SYNONYMS

Epididymal secretory protein E1; NPC2; Human Epididymal secretory protein E1; NPC2 ELISA Kit; NPC2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	149
Samples	Serum, plasma, cell culture supernates, ascites, tissue homogenates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	0.1-40ng/mL
Sensitivity	0.046ng/mL
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NPC2 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Epididymal secretory protein E1 (also known as NPC2) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human NPC2 antibody. NPC2 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human NPC2 Antibody is added and binds to NPC2 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated NPC2 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Human NPC2. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	47523496
NCBI GeneID	397410
NCBI GenBank Nucleotide #	NP_999371.1
UniProt Accession #	O97763
NCBI Official Full Name	NPC intracellular cholesterol transporter 2
NCBI Official Symbol	NPC2
NCBI Protein Information	NPC intracellular cholesterol transporter 2
UniProt Protein Name	Epididymal secretory protein E1
UniProt Gene Name	NPC2

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/epididymal-secretory-protein-e1-npc2/123526>