

Human NPTN (Neuroplastin) ELISA Kit | NPTN elisa kit

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CATALOG #
AAA248496

REACTIVITY
Human

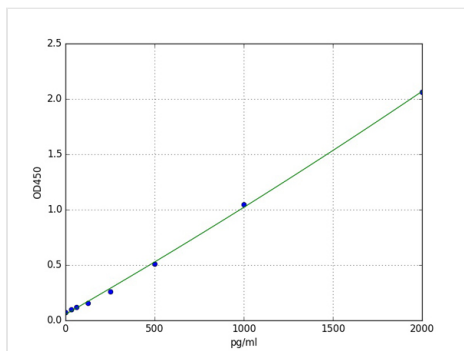
PRODUCT SYNONYMS

NPTN (Neuroplastin); Human NPTN (Neuroplastin) ELISA Kit; NPTN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	398
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
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 NPTN elisa kit

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

NCBI AND UNIPROT INFORMATION

NCBI GI #

298286871

NCBI GeneID	27020
UniProt Accession #	Q9Y639 ; Q17R52 ; Q59EJ9 ; Q6NVX7 ; Q9Y640 ; B2RAL7 ; B7Z4D3 ; B7ZLL2
Molecular Weight	43,931 Da
NCBI Official Full Name	Neuroplastin
NCBI Official Synonym Full Names	neuroplastin
NCBI Official Symbol	NPTN
NCBI Official Synonym Symbols	GP55; GP65; SDR1; np55; np65; SDFR1
NCBI Protein Information	neuroplastin
UniProt Protein Name	Neuroplastin
UniProt Gene Name	NPTN
UniProt Synonym Gene Names	SDFR1; SDR1; SDR-1

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/human-elisa-kits/nptn-neuroplastin/248496>