

Human Pro-neuropeptide Y ELISA Kit | NPY elisa kit

Human Pro-neuropeptide Y ELISA Kit

CATALOG #
AAA100272

REACTIVITY
Human

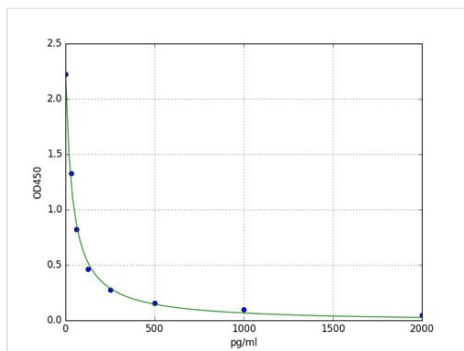
PRODUCT SYNONYMS

Pro-neuropeptide Y; Human Pro-neuropeptide Y ELISA Kit; NPY (Neuropeptide Y)/PYY4/170 kDa melanoma membrane-bound gelatinase/DKFP686G13158/DPP/IV/EC 3.4.21.-/FAPA/Fibroblast activation protein alpha/fibroblast activation protein; alpha/Integral membrane serine protease/seprase; NPY elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	97
Assay Type	Competitive ELISA, Coated with Antigen
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)

Typical Data & Standard Curve

Results of a typical standard run of a Human NPY(Neuropeptide Y) 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	pg/ml	0	31.2	62.5	125	250	500	1000	2000
Y	OD450	2.185	1.832	1.571	1.236	0.882	0.647	0.443	0.358

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NPY elisa kit

Principle of the Assay||This ELISA kit uses Competitive-ELISA as the method. The microtiter plate provided in this kit has been pre-coated with Human NPY(Neuropeptide Y). During the reaction,Human NPY(Neuropeptide Y) in the sample or standard competes with a fixed amount of Human NPY(Neuropeptide Y) on the solid phase supporter for sites on the Biotinylated Detection Antibody specific to Human NPY(Neuropeptide Y). Excess conjugate and unbound sample or standard are washed from the plate, and HRP-Streptavidin (SABC) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. The concentration of Human NPY(Neuropeptide Y) in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505449
NCBI GeneID	4852
NCBI Accession #	NP_000896.1
NCBI GenBank Nucleotide #	NM_000905.3
Molecular Weight	10,851 Da
NCBI Official Full Name	pro-neuropeptide Y preproprotein
NCBI Official Synonym Full Names	neuropeptide Y
NCBI Official Symbol	NPY
NCBI Official Synonym Symbols	PYY4
NCBI Protein Information	pro-neuropeptide Y
UniProt Protein Name	Pro-neuropeptide Y
UniProt Gene Name	NPY
UniProt Synonym Gene Names	NPY; CPON
UniProt Entry Name	NPY_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/npv-human-elisa-kits/pro-neuropeptide-y/100272>