

Mouse Pro-neuropeptide Y ELISA Kit | Npy elisa kit

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CATALOG #
AAA101900

REACTIVITY
Mouse

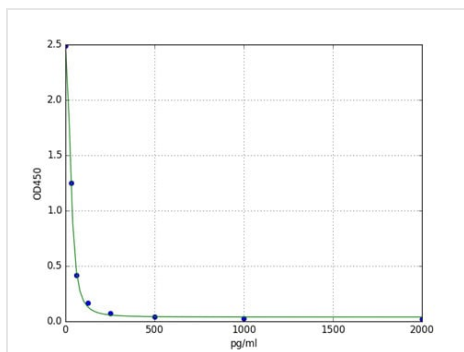
PRODUCT SYNONYMS

Pro-neuropeptide Y; Mouse Pro-neuropeptide Y ELISA Kit; Npy (Neuropeptide Y)/PYY4/170 kDa melanoma membrane-bound gelatinase/DPPIV/FAPA/Fibroblast activation protein alpha/fibroblast activation protein; alpha/Integral membrane serine protease/seprase; Npy elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	97
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)

Typical Data & Standard Curve

Results of a typical standard run of a Npy 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	0.059	0.107	0.159	0.237	0.379	0.668	1.182	2.178

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Npy elisa kit

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

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://www.aaabiotech.com/npy-mouse-elisa-kits/pro-neuropeptide-y/101900>