

Rat neuropeptide Y, NP-Y ELISA Kit | NP-Y elisa kit

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CATALOG #
AAA41571

REACTIVITY
Rat

PRODUCT SYNONYMS

neuropeptide Y; NP-Y; Rat neuropeptide Y; NP-Y ELISA Kit; NP-Y elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	97
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	3ng/L - 900ng/L
Sensitivity	1.46ng/L
Intra-Assay	CV<8%
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 NP-Y elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Neuropeptide Y (also known as NPY) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat NPY antibody. NPY present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat NPY Antibody is added and binds to NPY in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated NPY 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 Rat NPY. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	189274
NCBI GeneID	4852
UniProt Accession #	P01303
Molecular Weight	10,851 Da
NCBI Official Full Name	neuropeptide Y
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

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/rat-elisa-kits/neuropeptide-y-np-y/41571>