

Mouse neuropeptide Y ELISA Kit | NPY elisa kit

Mouse neuropeptide Y, NPY ELISA Kit

CATALOG #
AAA79751

REACTIVITY
Mouse

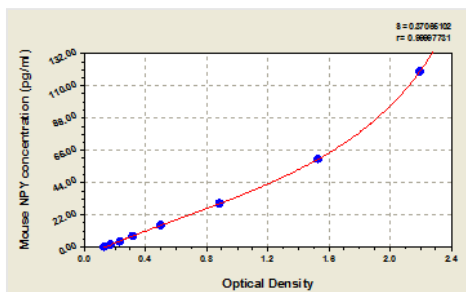
PRODUCT SYNONYMS

neuropeptide Y; Mouse neuropeptide Y; NPY ELISA Kit; Mouse neuropeptide Y (NPY) ELISA kit; PYY4; OTTHUMP00000201946; OTTHUMP00000201947; NPY elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse NPY. No significant cross-reactivity or interference between mouse NPY and analogues was observed.
Sequence Length	97
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, tissue homogenates
Detection Range	1.87 pg/ml-120 pg/ml
Sensitivity	< 0.46 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NPY elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for NPY has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any NPY present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for NPY is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of NPY bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	12963683
NCBI GeneID	109648
NCBI Accession #	NP_075945.1
NCBI GenBank Nucleotide #	NM_023456.2
UniProt Accession #	P57774; Q925V2; Q9ET27
Molecular Weight	10,874 Da
NCBI Official Full Name	pro-neuropeptide Y
NCBI Official Synonym Full Names	neuropeptide Y
NCBI Official Symbol	Npy
NCBI Official Synonym Symbols	0710005A05Rik
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_MOUSE

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/npy-mouse-elisa-kits/neuropeptide-y/79751>