

Human neuropeptide Y ELISA Kit | NPY elisa kit

Human neuropeptide Y, NPY ELISA Kit

CATALOG #
AAA15156

REACTIVITY
Human

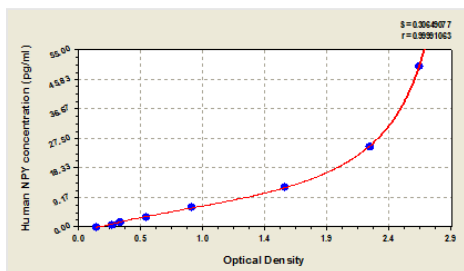
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human NPY. No significant cross-reactivity or interference between human NPY and analogues was observed.
Sequence Length	97
Samples	Serum, plasma, cell culture supernates, tissue homogenates, cell lysates
Assay Type	Quantitative Sandwich
Detection Range	0.78 pg/ml-50 pg/ml
Sensitivity	< 0.195 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 #	4505449
NCBI GeneID	4852
NCBI Accession #	NP_000896.1
NCBI GenBank Nucleotide #	NM_000905.3
UniProt Accession #	P01303
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; prepro-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/npy-human-elisa-kits/neuropeptide-y/15156>