

Canine Neuropeptide Y ELISA Kit | NPY elisa kit

Canine Neuropeptide Y (NPY) ELISA Kit

CATALOG #
AAA55691

REACTIVITY
Canine

PRODUCT SYNONYMS

Neuropeptide Y; Canine Neuropeptide Y (NPY) ELISA Kit; NPY elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Specificity	This assay has high sensitivity and excellent specificity for detection of Canine NPY. No significant cross-reactivity or interference between Canine NPY and analogues was observed.
Sequence Length	100
Samples	Serum, Plasma, Other biological fluids
Assay Type	Sandwich
Sample Volume	1-200 uL
Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. $CV (\%) = SD/mean \times 100$ Intra-Assay: CV Inter-Assay: CV
Detection Wavelength	450 nm
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for NPY elisa kit	Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate NPY in samples. An 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, Streptavidin 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 #	185133887
NCBI GeneID	100135894
NCBI Accession #	NP_001117738.1
NCBI GenBank Nucleotide #	NM_001124266.1
NCBI Official Full Name	neuropeptide Y

NCBI Official Symbol	LOC100135894
NCBI Protein Information	neuropeptide Y precursor

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/npv-canine-elisa-kits/neuropeptide-y/55691>