

Mouse NPY ELISA Kit | NPY elisa kit

Mouse NPY (Neuropeptide Y) ELISA Kit

CATALOG #
AAA165730

REACTIVITY
Mouse

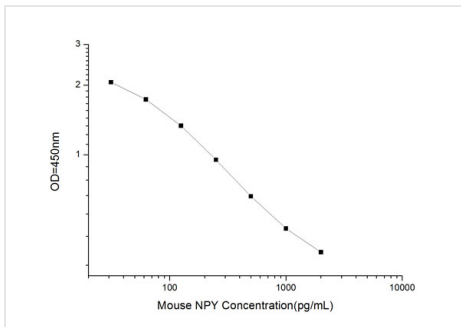
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This kit recognizes natural and recombinant Mouse NPY. No significant cross-reactivity or interference between Mouse NPY and analogues was observed.
Sequence Length	372
Samples	Serum, Plasma, Biological Fluids
Assay Type	Competitive
Detection Range	31.25-2000pg/mL
Sensitivity	Min: 18.75pg/mL; Max: 2000pg/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NPY elisa kit

Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Mouse NPY concentrations in serum, plasma and other biological fluids.

Principle of the Assay||This ELISA kit uses Competitive-ELISA as the method. The microtiter plate provided in this kit has been pre-coated with NPY. During the reaction, NPY in the sample or standard competes with a fixed amount of NPY on the solid phase supporter for sites on the Biotinylated Detection Ab specific to NPY. Excess conjugate and unbound sample or standard are washed from the plate, and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of NPY in the samples is then determined by comparing the OD of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	55742256
NCBI GeneID	449010
NCBI Accession #	NP_001007219.1
NCBI GenBank Nucleotide #	NM_001007218.1
NCBI Official Full Name	neuropeptide Y receptor Y7
NCBI Official Synonym Full Names	neuropeptide Y receptor Y7
NCBI Official Symbol	npy7r
NCBI Official Synonym Symbols	zgc:194680; zgc:194698
NCBI Protein Information	neuropeptide Y receptor Y7; npy

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/mouse-elisa-kits/npy/165730>