

Rat NPY ELISA Kit | NPY elisa kit

Rat NPY (Neuropeptide Y) ELISA Kit

CATALOG #
AAA163958

REACTIVITY
Rat

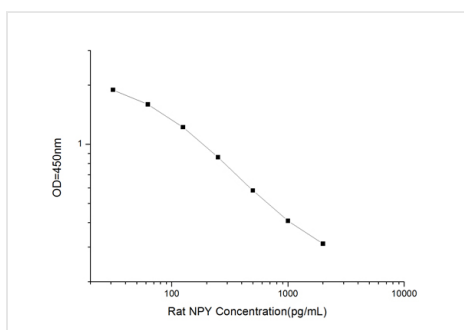
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Rat NPY. No significant cross-reactivity or interference between Rat NPY and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Rat NPY and all the analogues, therefore, cross reaction may still exist.
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

Description: The kit is a competitive enzyme immunoassay for in vitro quantitative measurement of NPY in Rat 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 Rat NPY. During the reaction, Rat NPY in the sample or standard competes with a fixed amount of Rat NPY on the solid phase supporter for sites on the Biotinylated Detection Ab specific to Rat 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 Rat NPY in the samples is then determined by comparing the O.D. 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/rat-elisa-kits/npy/163958>