

Rat Neuropeptide S, NPS ELISA Kit | NPS elisa kit

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CATALOG #
AAA123370

REACTIVITY
Rat

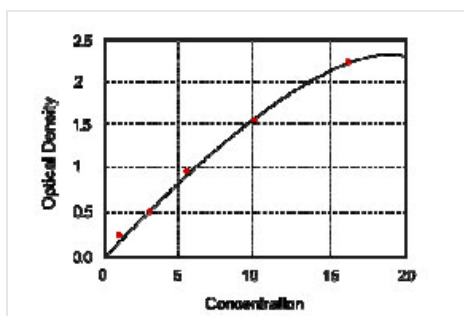
PRODUCT SYNONYMS

Neuropeptide S; NPS; Rat Neuropeptide S; NPS ELISA Kit; NPS elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	371
Samples	Serum, plasma, cell culture supernates, ascites, tissue homogenates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	0.05-20ng/mL
Sensitivity	0.024ng/mL
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NPS elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Neuropeptide S (also known as NPS) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat NPS antibody. NPS present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat NPS Antibody is added and binds to NPS in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated NPS antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Rat NPS. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	74136435
NCBI GenBank Nucleotide #	NP_001028114.1
UniProt Accession #	Q56H79
NCBI Official Full Name	neuropeptide S receptor
UniProt Protein Name	Neuropeptide S receptor
UniProt Gene Name	NPSR1
UniProt Synonym Gene Names	GPR154

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/rat-elisa-kits/neuropeptide-s-nps/123370>