

## Rat Neuropeptide S, NPS ELISA Kit | NPS elisa kit

Rat Neuropeptide S, NPS ELISA Kit

CATALOG #  
AAA123370

REACTIVITY  
Rat

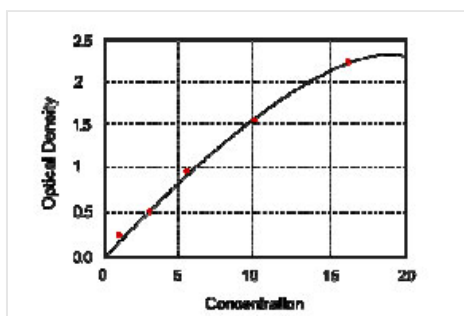
### PRODUCT SYNONYMS

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/rat-elisa-kits/neuropeptide-s-nps/123370>