

## Human NPY ELISA Kit | NPY elisa kit

Human NPY (Neuropeptide Y) ELISA Kit

CATALOG #  
**AAA165135**

REACTIVITY  
**Human**

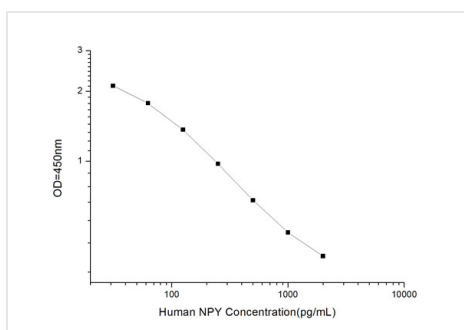
### PRODUCT SYNONYMS

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

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                            |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                                                                                                                                                                                                                                                                                                      |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of Human NPY. No significant cross-reactivity or interference between Human NPY and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Human 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 | <p><b>Description:</b> The kit is a competitive enzyme immunoassay for in vitro quantitative measurement of NPY in human serum, plasma and other biological fluids</p> <p><b>Principle of the Assay:</b> This ELISA kit uses Competitive-ELISA as the method. The microtiter plate provided in this kit has been pre-coated with Human NPY. During the reaction, Human NPY in the sample or standard competes with a fixed amount of Human NPY on the solid phase supporter for sites on the Biotinylated Detection Ab specific to Human 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 Human NPY in the samples is then determined by comparing the O.D. of the samples to the standard curve.</p> |
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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/human-elisa-kits/npy/165135>