

Rat Peptide YY ELISA Kit | Pyy elisa kit

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CATALOG #
AAA98443

REACTIVITY
Rat

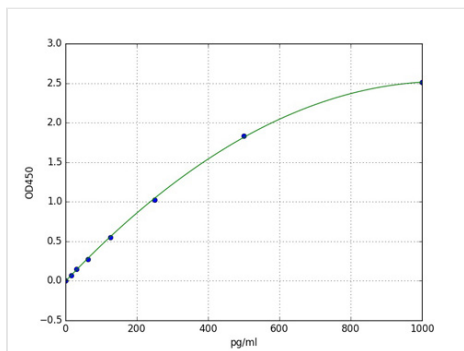
PRODUCT SYNONYMS

Peptide YY; Rat Peptide YY ELISA Kit; Pyy/Peptide tyrosine tyrosine/Putative peptide YY-2/Putative peptide YY2; Pyy elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	97
Assay Type	Competitive ELISA, Coated with Antigen
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	15.625-1000pg/ml
Sensitivity	9.375pg/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Rat Pyy ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	pg/ml	0	15.6	31.2	62.5	125	250	500	1000
Y	OD450	0.010	0.111	0.229	0.455	0.867	1.270	1.860	2.428

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Pyy elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Rat Pyy antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Rat Pyy antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Rat Pyy amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Rat Pyy can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

300068956

NCBI GeneID	5697
NCBI Accession #	NP_004151.3
NCBI GenBank Nucleotide #	NM_004160.5
Molecular Weight	10,360 Da
NCBI Official Full Name	peptide YY preproprotein
NCBI Official Synonym Full Names	peptide YY
NCBI Official Symbol	PYY
NCBI Official Synonym Symbols	PYY1; PYY-I
NCBI Protein Information	peptide YY
UniProt Protein Name	Peptide YY
UniProt Gene Name	PYY
UniProt Synonym Gene Names	PYY
UniProt Entry Name	PYY_HUMAN

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://stage.aaabiotech.com/pyy-rat-elisa-kits/peptide-yy/98443>