

Human Peptide YY ELISA Kit | PYY elisa kit

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CATALOG #
AAA193315

REACTIVITY
Human

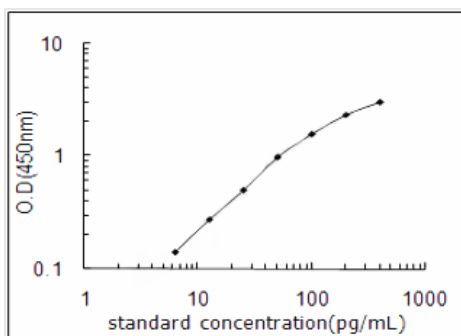
PRODUCT SYNONYMS

Peptide YY; Human Peptide YY ELISA Kit; PYY; PYY-I; Peptide tyrosine tyrosine; PYY elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay recognizes recombinant and natural Human PYY. No significant cross-reactivity or interference was observed.
Sequence Length	97
Assay Type	Sandwich
Detection Range	6.25-400 pg/mL
Sensitivity	3.1pg/mL
Intra-Assay CV	<=4.1%
Inter-Assay CV	<=6.9%
Recovery	86%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PYY elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of human peptide yy,PYY concentrations in serum, plasma, tissue homogenates, cell culture supernates, and other biological fluids. Principle of the Assay: The ELISA is based on the competitive binding enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with an antibody specific to PYY, During the reaction, PYY in the sample or standard competes with a fixed amount of biotin-labeled PYY for sites on a pre-coated Monoclonal antibody specific to PYY. Excess conjugate and unbound sample or standard are washed from the plate. Next, 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 PYY in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	300068956
NCBI GeneID	5697
NCBI Accession #	NP_004151.3
NCBI GenBank Nucleotide #	NM_004160.5
UniProt Accession #	P10082; Q5U5Q6; Q6FGH8
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-human-elisa-kits/peptide-yy/193315>