

Human Peptide YY ELISA Kit | PYY elisa kit

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CATALOG #
AAA102117

REACTIVITY
Human

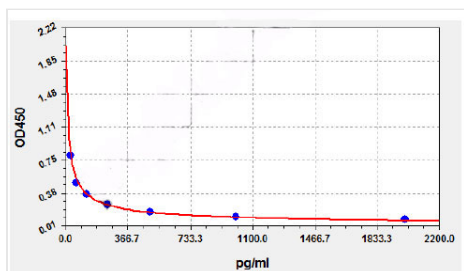
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of PYY. No significant cross-reactivity or interference between PYY and analogues was observed.
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	31.25-2000pg/ml
Sensitivity	18.75pg/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
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)

ADDITIONAL INFORMATION

Related Product Information for PYY elisa kit

Principle of the Assay: This kit was based on Competitive-ELISA detection method. The microtiter plate provided in this kit has been pre-coated with target. During the reaction, target in the sample or standard competes with a fixed amount of target on the solid phase supporter for sites on the Biotinylated Detection Antibody specific to target. Excess conjugate and unbound sample or standard are washed from the plate, and HRP-Streptavidin (SABC) is added to each microplate well and incubated. Then 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 450nm. The concentration of target in the samples is then determined by comparing the OD of the samples to the standard curve.

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-human-elisa-kits/peptide-yy/102117>