

Human peptide YY ELISA Kit | PYY elisa kit

Human Peptide YY ELISA Kit

CATALOG #
AAA79660

REACTIVITY
Human

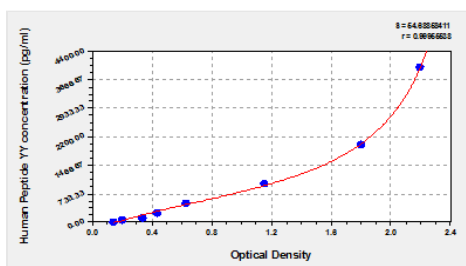
PRODUCT SYNONYMS

peptide YY; Human Peptide YY ELISA Kit; PYY1; ; PYY elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human peptide YY. No significant cross-reactivity or interference between human peptide YY and analogues was observed.
Sequence Length	97
Samples	Serum, plasma, urine, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	62.5 pg/ml-4000 pg/ml
Sensitivity	<15.6 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PYY elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for peptide YY has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any peptide YY present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for peptide YY is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of peptide YY bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	300068956
NCBI GeneID	5697
NCBI Accession #	NP_004151.3
NCBI GenBank Nucleotide #	NM_004160.4
UniProt Accession #	P10082; Q5U5Q6; Q6FGH8
Molecular Weight	11,145 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; prepro-PYY; peptide tyrosine tyrosine
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/79660>