

Mouse peptide YY ELISA Kit | PYY elisa kit

Mouse Peptide YY, PYY ELISA Kit

CATALOG #
AAA112374

REACTIVITY
Mouse

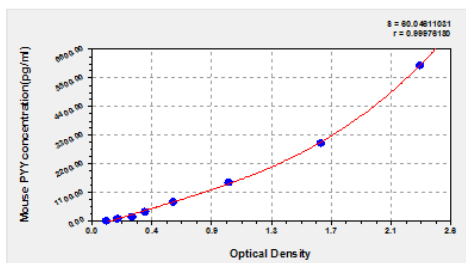
PRODUCT SYNONYMS

peptide YY; Mouse Peptide YY; PYY ELISA Kit; Mouse Peptide YY (PYY) ELISA kit; PYY1; ; PYY elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse PYY. No significant cross-reactivity or interference between mouse PYY and analogues was observed.
Sequence Length	98
Samples	Serum, plasma, cell culture supernates, tissue homogenates
Assay Type	Sandwich
Detection Range	94 pg/ml -6000 pg/ml.
Sensitivity	The minimum detectable dose of mouse PYY is typically less than 23.5 pg/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
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 PYY has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PYY present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PYY 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 PYY bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	21703868
NCBI GeneID	217212
NCBI Accession #	NP_663410.1
NCBI GenBank Nucleotide #	NM_145435.1
UniProt Accession #	Q9EPS2; Q91XD0
Molecular Weight	11,064 Da
NCBI Official Full Name	peptide YY
NCBI Official Synonym Full Names	peptide YY
NCBI Official Symbol	Pyy
NCBI Protein Information	peptide YY; Peptide tyrosine tyrosine
UniProt Protein Name	Peptide YY
UniProt Gene Name	Pyy
UniProt Synonym Gene Names	PYY
UniProt Entry Name	PYY_MOUSE

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-mouse-elisa-kits/peptide-yy/112374>