

Rat peptide YY ELISA Kit | PYY elisa kit

Rat Polypeptide YY, PYY ELISA Kit

CATALOG #
AAA15178

REACTIVITY
Rat

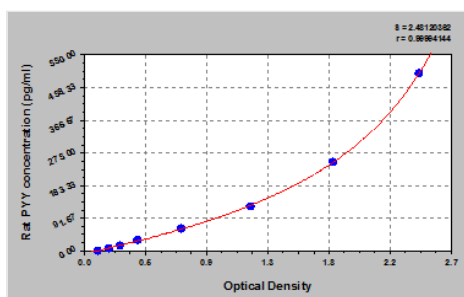
PRODUCT SYNONYMS

peptide YY; Rat Polypeptide YY; PYY ELISA Kit; Rat Polypeptide YY (PYY) ELISA Kit; PYY1; ; PYY elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of rat PYY. No significant cross-reactivity or interference between rat PYY and analogues was observed.
Sequence Length	36
Samples	Serum, plasma, cell culture supernates, tissue homogenates.
Assay Type	Sandwich
Detection Range	7.8 pg/ml -500 pg/ml.
Sensitivity	1.95 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 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 #	45593499
UniProt Accession #	Q9TR93; Q9TR92
Molecular Weight	4,285 Da
NCBI Official Full Name	Peptide YY
UniProt Protein Name	Peptide YY
UniProt Gene Name	PYY
UniProt Synonym Gene Names	PYY
UniProt Entry Name	PYY_RABIT

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/pyy-rat-elisa-kits/peptide-yy/15178>