

Pig peptide YY ELISA Kit | PYY elisa kit

Pig Peptide YY, PYY ELISA Kit

CATALOG #
AAA18032

REACTIVITY
Pig

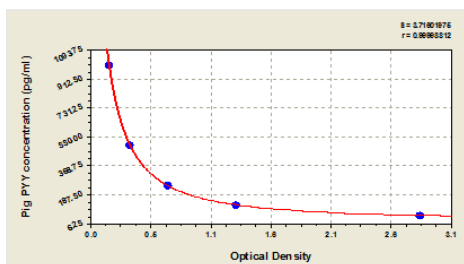
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Pig
Specificity	This assay has high sensitivity and excellent specificity for detection of pig PYY. No significant cross-reactivity or interference between pig PYY and analogues was observed.
Sequence Length	36
Samples	Serum, plasma
Detection Range	62.5 pg/ml -1000 pg/mL
Sensitivity	<16.88 pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<15%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<15%. 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 competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with an antibody specific to PYY. Standards or samples are added to the appropriate microtiter plate wells with Biotin-conjugated PYY. A competitive inhibition reaction is launched between PYY (Standards or samples) and Biotin-conjugated PYY with the pre-coated antibody specific for PYY. The more amount of PYY in samples, the less antibody bound by Biotin-conjugated PYY. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Substrate solution is added to the wells and the color develops in opposite to the amount of PYY in the sample. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	54038953
NCBI GeneID	445018
UniProt Accession #	P68005; P01305
Molecular Weight	4,242 Da
NCBI Official Full Name	Peptide YY
NCBI Official Symbol	PYY
NCBI Protein Information	peptide YY
UniProt Protein Name	Peptide YY
UniProt Gene Name	PYY
UniProt Synonym Gene Names	PYY
UniProt Entry Name	PYY_PIG

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://www.aaabiotech.com/pyy-pig-elisa-kits/peptide-yy/18032>