

Chicken peptide YY ELISA Kit | PYY elisa kit

Chicken Peptide YY, PYY ELISA Kit

CATALOG #
AAA112385

REACTIVITY
Chicken

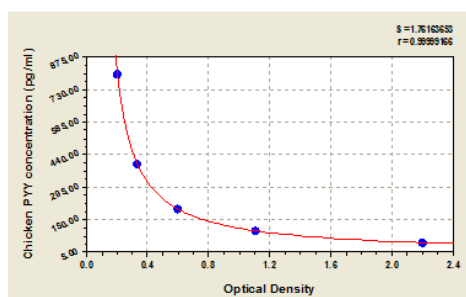
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Specificity	This assay has high sensitivity and excellent specificity for detection of Chicken PYY. No significant cross-reactivity or interference between Chicken PYY and analogues was observed.
Sequence Length	37
Samples	Serum, plasma, tissue homogenates
Assay Type	Competitive
Detection Range	50 pg/ml-800 pg/ml
Sensitivity	25 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
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	For Sample: For the quantitative determination of chicken peptide YY (PYY) concentrations in serum, plasma, tissue homogenates. 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	131745
UniProt Accession #	P29203
Molecular Weight	4,237 Da
NCBI Official Full Name	Peptide YY-like
UniProt Protein Name	Peptide YY-like
UniProt Gene Name	PYY
UniProt Synonym Gene Names	PYY
UniProt Entry Name	PYY_CHICK

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.