

Human Putative peptide YY-2 ELISA Kit | PYY2 elisa kit

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CATALOG #
AAA17721

REACTIVITY
Human

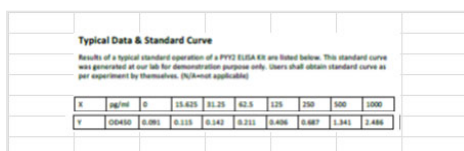
PRODUCT SYNONYMS

Putative peptide YY-2; Human Putative peptide YY-2 ELISA Kit; PYY2/Putative peptide YY-2/Putative peptide YY2; PYY2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of PYY2. No significant cross-reactivity or interference between PYY2 and analogues was observed.
Sequence Length	33
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	15.625-1000pg/ml
Sensitivity	9.375pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level PYY2 were tested 20 times on one plate, respectively. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level PYY2 were tested on 3 different plates, 8 replicates in each plate. CV (%) = SD/meanX100. Inter-Assay: CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PYY2 elisa kit

Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-PYY2 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti- PYY2 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRPStreptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the PYY2 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of PYY2 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	74719119
Molecular Weight	3,432 Da
NCBI Official Full Name	Putative peptide YY-2
UniProt Protein Name	Putative peptide YY-2
UniProt Gene Name	PYY2
UniProt Synonym Gene Names	Putative peptide YY2
UniProt Entry Name	PYY2_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/pyy2-human-elisa-kits/putative-peptide-yy-2/17721>