

Human Peptide YY ELISA Kit | PYY elisa kit

Human Peptide YY ELISA Kit

CATALOG #
AAA87219

REACTIVITY
Human

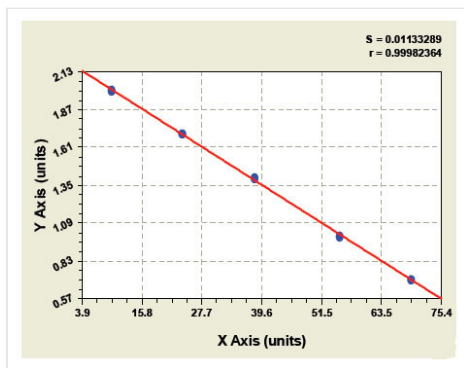
PRODUCT SYNONYMS

Peptide YY; Human Peptide YY ELISA Kit; PYY elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	25-500pg/mL
Sensitivity	1.0pg/mL
Intended Uses	This PYY ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human PYY. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PYY elisa kit

Principle of the Assay: PYY ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-PYY antibody and an PYY-HRP conjugate. The assay sample and buffer are incubated together with PYY-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the PYY concentration since PYY from samples and PYY-HRP conjugate compete for the anti-PYY antibody binding site. Since the number of sites is limited, as more sites are occupied by PYY from the sample, fewer sites are left to bind PYY-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The PYY concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	49457254
NCBI GeneID	5697
UniProt Accession #	P10082; Q5U5Q6; Q6FGH8
Molecular Weight	10,360 Da
NCBI Official Full Name	PYY
NCBI Official Synonym Full Names	peptide YY
NCBI Official Symbol	PYY
NCBI Official Synonym Symbols	PYY1; PYY-I
NCBI Protein Information	peptide YY; prepro-PYY; peptide tyrosine tyrosine
UniProt Protein Name	Peptide YY
UniProt Gene Name	PYY
UniProt Synonym Gene Names	PYY
UniProt Entry Name	PYY_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/pyy-human-elisa-kits/peptide-yy/87219>