



Mouse Peptide YY(PYY) ELISA kit

Product Code	CSB-EL019128MO
Abbreviation	PYY
Target Name	peptide YY
Uniprot No.	Q9EPS2
Alias	PYY1
Product Type	ELISA Kit
Immunogen Species	Mus musculus (Mouse)
Sample Types	serum, plasma, cell culture supernates, tissue homogenates
Detection Range	94 pg/mL-6000 pg/mL
Sensitivity	23.5 pg/mL
Assay Time	1-5h
Sample Volume	50-100ul
Detection Wavelength	450 nm
Lead Time	3-5 working days after you place the order, and it takes another 3-5 days for delivery via DHL or FedEx.
Research Area	Neuroscience
Gene Names	Pyy
Tag Info	quantitative
Protein Description	Sandwich

Description

This Mouse PYY ELISA Kit was designed for the quantitative measurement of Mouse PYY protein in serum, plasma, cell culture supernates, tissue homogenates. It is a Sandwich ELISA kit, its detection range is 94 pg/mL-6000 pg/mL and the sensitivity is 23.5 pg/mL.

Product 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 (Precision between assays): CV%<10%
 Three samples of known concentration were tested in twenty assays to assess.

Linearity

To assess the linearity of the assay, samples were spiked with high concentrations of mouse PYY in various matrices and diluted with the Sample Diluent to produce samples with values within the dynamic range of the assay.

	Sample	Serum(n=4)
1:1	Average %	104
	Range %	100-108



1:2	Average %	96
	Range %	93-99
1:4	Average %	88
	Range %	84-92
1:8	Average %	100
	Range %	95-105

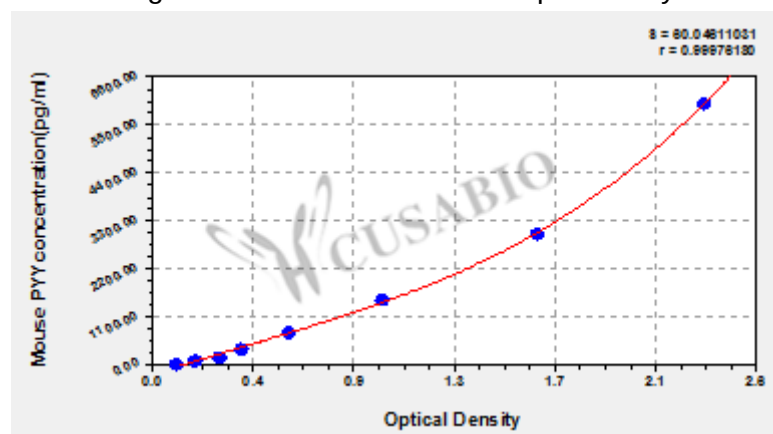
Recovery

The recovery of mouse PYY spiked to levels throughout the range of the assay in various matrices was evaluated. Samples were diluted prior to assay as directed in the Sample Preparation section.

Sample Type	Average % Recovery	Range
Serum (n=5)	98	94-102
EDTA plasma (n=4)	86	83-89

Typical

These standard curves are provided for demonstration only. A standard curve should be generated for each set of samples assayed.



pg/ml	OD1	OD2	Average	Corrected
6000	2.303	2.369	2.336	2.224
3000	1.606	1.658	1.632	1.520
1500	0.991	0.968	0.980	0.868
750	0.606	0.569	0.588	0.476
375	0.376	0.398	0.387	0.275
187.5	0.293	0.290	0.292	0.180
94	0.189	0.192	0.191	0.079
0	0.111	0.113	0.112	

Msds

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