

CATALOG# 81501

MOUSE PYY ELISA KIT

Catalog number

Mouse PYY ELISA Kit..... 81501

Intended use

A high quality enzymatic assay for the quantitative determination of mouse peptide YY (PYY) in mouse serum and plasma.

Test principle

Crystal Chem's Mouse PYY ELISA kit is based on a competitive enzyme immunoassay. The 96-well plate is coated with antibody, to which biotin labeled antigen, antigen in the standard or samples and PYY antibody are added. After washing, HRP labeled streptavidin is added to form complex. Finally, a substrate is added and PYY concentration is determined by color intensity.

Specifications

Sample Types	Serum and Plasma
Assay Time	Overnight
Range	0.15 - 12.5 ng/mL
Sample Size	25 µL
Precision	CV < 20 %
Sensitivity	0.15 ng/mL

Specificity

Mouse PYY (3-36).....	100%
Mouse PYY (1-36).....	115%
Mouse NPY.....	< 0.1%
GLP-1 (7-36)NH ₂	< 0.1%
GLP-1 (1-37).....	< 0.1%

Highlights

- ✓ Highly specific to mouse PYY
- ✓ Wide dynamic working range
- ✓ Optimized for mouse samples
- ✓ Low cost per sample

Summary of protocol

