

CATALOG# 81502

RAT PYY ELISA KIT

Catalog number

Rat PYY ELISA Kit..... 81502

Intended use

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

Test principle

Crystal Chem's Rat 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 μ L
Precision	CV < 20 %
Sensitivity	0.15 ng/mL

Specificity

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

Highlights

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

Summary of protocol

