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Cat. No. S-1274

EIA for Peptide YY (canine, mouse, porcine, rat) (for rat serum and plasma samples)

SPECIFICATIONS: Extraction-free kit for rat serum/plasma

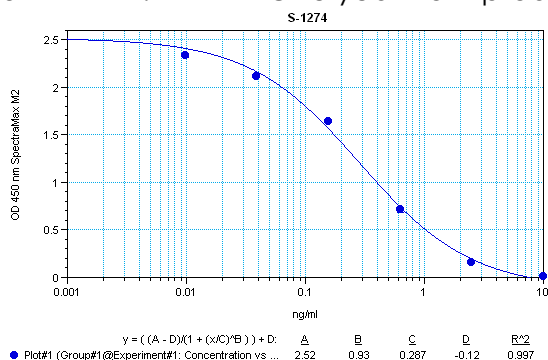
STANDARD: 1 µg H-4505 H-Tyr-Pro-Ala-Lys-Pro-Glu-Ala-Pro-Gly-Glu-Asp-Ala-Ser-Pro-Glu-Glu-Leu-Ser-Arg-Tyr-Tyr-Ala-Ser-Leu-Arg-His-Tyr-Leu-Asn-Leu-Val-Thr-Arg-Gln-Arg-Tyr-NH₂

PROTOCOL: V (Ab1hr.Std2hr.BtON)

RANGE: 0-10 ng/ml

AVERAGE IC₅₀: 0.6 ng/ml

SHELF-LIFE: One year from production date



Suggested Preparation of Standards		
	ng/ml	Range: 0.01 to 10 ng/ml
Stock	1000	
S1	10.00	Add 10 µl stock + 990 µl diluent
S2	2.50	Add 200 µl S1 + 600 µl diluent
S3	0.63	Add 200 µl S2 + 600 µl diluent
S4	0.16	Add 200 µl S3 + 600 µl diluent
S5	0.04	Add 200 µl S4 + 600 µl diluent
S6	0.01	Add 200 µl S5 + 600 µl diluent
S0	0.00	500 µl diluent

CROSS REACTION:

PEPTIDE	%
Peptide YY (canine, mouse, porcine, rat)	100
Peptide YY (13-36) (canine, mouse, porcine, rat)	100
Peptide YY (human)	9
Peptide YY (3-36) (human)	7
NPY (human, rat)	0.1
Pancreatic Polypeptide (human)	0.01
Pancreatic Polypeptide (avian)	0
Met-Enkephalin	0
Galanin (human)	0
Glucagon (1-29) (human, bovine, porcine)	0
Secretin (porcine)	0
Substance P	0
VIP (human, bovine, porcine, rat)	0