



Peninsula Laboratories, LLC

A Member of the Bachem Group

305 Old County Road, San Carlos, CA 94070

Tel: (800) 922-1516 • (650) 592-5392

Fax: (650) 595-4071

www.bachem.com



Cat. No. S-1150

Peptide YY (PYY) (canine, mouse, porcine, rat)

SPECIFICATIONS: Formulated for extracted samples

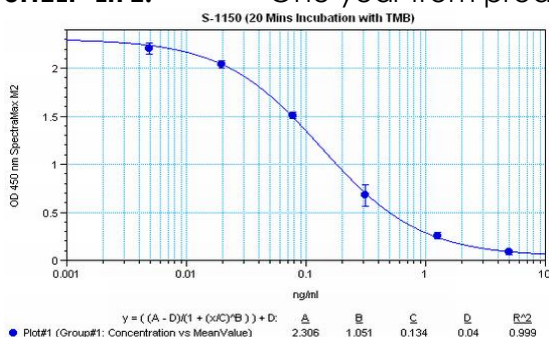
STANDARD: 1 µg H-4505 H-Tyr-Pro-Ala-Lys-Pro-Glu-Ala-Pro-Gly-Glu-Asp-Ala-Ser-Pro-Glu-Glu-Leu-Ser-Arg-Tyr-Tyr-Ala-Ser-Leu-Arg-His-Tyr-Leu-Asn-Leu-Val-Thr-Arg-Gln-Arg-Tyr-NH₂

PROTOCOL: III (Std.Ab1 hr.Bt)

RANGE: 0-5 ng/ml

AVERAGE IC₅₀: 0.14 ng/ml

SHELF-LIFE: One year from production date



Suggested Preparation of Standards		
	ng/ml	Range: 0.00 to 5 ng/ml
Stock	1000	
S1	5.00	Add 5 µl stock + 995 µl diluent
S2	1.25	Add 200 µl S1 + 600 µl diluent
S3	0.31	Add 200 µl S2 + 600 µl diluent
S4	0.08	Add 200 µl S3 + 600 µl diluent
S5	0.02	Add 200 µl S4 + 600 µl diluent
S6	0.00	Add 200 µl S5 + 600 µl diluent
S0	0.00	500 µl diluent

CROSS REACTION:

PEPTIDE	%
PYY (canine, mouse, porcine, rat)	100
PYY (13-36) (canine, mouse, porcine, rat)	100
PYY (human)	9
PYY (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