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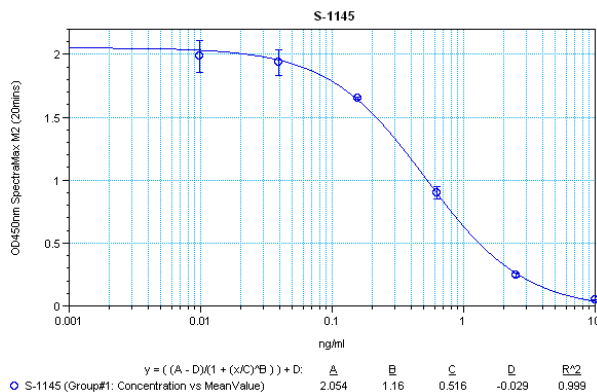
Cat. No. S-1145

Neuropeptide Y (NPY) (human, mouse, rat)

SPECIFICATIONS: Formulated for extracted samples

STANDARD: 1 µg H-6375 H-Tyr-Pro-Ser-Lys-Pro-Asn-Pro-Gly-Glu-Asp-Ala-Pro-Ala-Glu-Asp-Met-Ala-Arg-Tyr-Tyr-Ser-Ala-Leu-Arg-His-Tyr-Ile-Asn-Leu-Ile-Thr-Arg-Gln-Arg-Tyr-NH₂

PROTOCOL: III (Std.Ab1hr.Bt)
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 100 µl S1 + 300 µl diluent
S3	0.63	Add 100 µl S2 + 300 µl diluent
S4	0.16	Add 100 µl S3 + 300 µl diluent
S5	0.04	Add 100 µl S4 + 300 µl diluent
S6	0.01	Add 100 µl S5 + 300 µl diluent
S0	0.00	300 µl diluent

CROSS REACTION:

PEPTIDE	%
NPY (human, rat)	100
NPY (porcine)	100
Pancreatic Polypeptide (human)	3
PYY (porcine, rat)	0
VIP (human, bovine, porcine, rat)	0
Amylin (acid free) (human)	0
Prepro NPY (68-97) (human)	0
Insulin (human)	0
Somatostatin-14	0