



Peninsula Laboratories, LLC

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Cat. No. S-1183

Vasoactive Intestinal Peptide (VIP) (human, bovine porcine, rat)

SPECIFICATIONS: Formulated for extracted samples

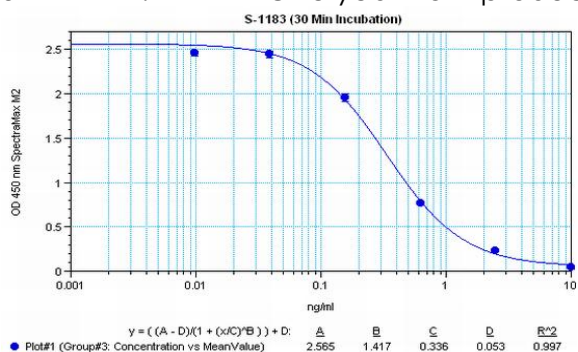
STANDARD: 1 µg H-3775 H-His-Ser-Asp-Ala-Val-Phe-Thr-Asp-Asn-Tyr-Thr-Arg-Leu-Arg-Lys-Gln-Met-Ala-Val-Lys-Lys-Tyr-Leu-Asn-Ser-Ile-Leu-Asn-NH₂

PROTOCOL: III (Std.Ab1hr.Bt)

RANGE: 0-10 ng/ml

AVERAGE IC₅₀: 0.4 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

%

VIP (human, bovine, porcine, rat)	100
VIP (Guinea Pig)	100
VIP (10-28) (human, porcine, rat)	100
VIP (Chicken)	<1
PACAP-27 (human, mouse, ovine, porcine, rat)	<0.02
VIP (1-12) (human, bovine, porcine, rat)	0
PHM-27 (human)	0
Substance P	0
Endothelin-1 (human, porcine, canine, rat, mouse, bovine)	0
Secretin (porcine)	0
Glucagon (1-29) (human, bovine, porcine)	0
Galanin (rat)	0
Somatostatin-14	0
PACAP-38 (human, mouse, ovine, porcine, rat)	0