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Cat. No. S-1201

EIA for VIP (human, bovine, porcine, rat) (for human serum and plasma samples)

SPECIFICATIONS: Extraction-free kit for human serum/plasma

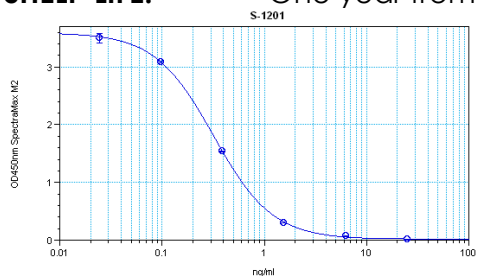
STANDARD: 1 µg H-3775 H-His-Ser-Asp-Ala-Val-Phe-Thr-Asp-Asn-Tyr-Thr-Arg-Leu-Arg-Lys-Gln-Met-Ala-Val-Lys-Lys-Tyr-Leu-Asn-Ser-Ile-Leu-Asn-NH₂

PROTOCOL: V (Ab1hr.Std2hr.BtON)

RANGE: 0-25 ng/ml

AVERAGE IC₅₀: 0.5 ng/ml

SHELF-LIFE: One year from production date



Y = ((A - D)/(1 + (X/C)^B)) + D
S-1201 (Group#1: Concentration vs MeanValue)
A: 3.594 B: 1.512 C: 0.32 D: 0.013 E02: 1

Suggested Preparation of Standards		
	ng/ml	Range: 0.02 to 25 ng/ml
Stock	1000	
S1	25.00	Add 25 µl stock + 975 µl diluent
S2	6.25	Add 200 µl S1 + 600 µl diluent
S3	1.56	Add 200 µl S2 + 600 µl diluent
S4	0.39	Add 200 µl S3 + 600 µl diluent
S5	0.10	Add 200 µl S4 + 600 µl diluent
S6	0.02	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)	0
Galanin (rat)	0
Somatostatin-14	0
PACAP-38 (human, mouse, ovine, porcine, rat)	0