



Peninsula Laboratories International, Inc.

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Cat. No. S-2214

Vasoactive Intestinal Peptide (VIP) (guinea pig)

SPECIFICATIONS: Formulated for extracted samples

STANDARD: 12.8 µg H-5682 H-His-Ser-Asp-Ala-Leu-Phe-Thr-Asp-Thr-Tyr-Thr-Arg-Leu-Arg-Lys-Gln-Met-Ala-Met-Lys-Lys-Tyr-Leu-Asn-Ser-Val-Leu-Asn-NH₂

TRACER: H-5206
RANGE: 0.01-1.28 ng/ml (1-128 pg/tube)
AVERAGE IC₅₀: 0.18 ng/ml (18 pg/tube)
TEST CAPACITY: 125 test tubes
ASSAY TIME: 3 days
SHELF LIFE: Six weeks after date of preparation when stored at -20°C

CROSS REACTION:

PEPTIDE:	%:
VIP (guinea pig)	100
VIP (human, bovine, porcine, rat)	100
VIP (10-28) (human, bovine, porcine, rat)	4.4
VIP (chicken)	<1
PACAP-27 (human, bovine, 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
PACAP-38 (16-38) (human, chicken, mouse, ovine, porcine, rat)	0