



Peninsula Laboratories, LLC

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Cat. No. S-2053

Substance P

SPECIFICATIONS: Formulated for extracted samples

STANDARD: 12.8 µg H-1890 H-Arg-Pro-Lys-Pro-Gln-Gln-Phe-Phe-Gly-Leu-Met-NH₂

TRACER: H-5104

RANGE: 0.001-0.64 ng/ml (0.1-64 pg/tube)

AVERAGE IC₅₀: 0.06 ng/ml (6 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:	%:
Substance P	100
Substance P (2-11)	100
Substance P (3-11)	100
Substance P (4-11)	100
Substance P (5-11)	100
Substance P (6-11)	<5
Substance P (7-11)	<0.01
Neuropeptide K (porcine)	<0.01
Neurokinin A	<0.01
Neurokinin B	0
Somatostatin-14	0
Endothelin-1 (human, bovine, canine, mouse, porcine, rat)	<0.5
Physalaemin	0