



Peninsula Laboratories, LLC

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Cat. No. S-2019

α -Calcitonin Gene Related Peptide (α -CGRP) (canine, mouse, rat)

SPECIFICATIONS: Formulated for extracted samples

STANDARD: 12.8 μ g H-2265 H-Ser-Cys-Asn-Thr-Ala-Thr-Cys-Val-Thr-His-Arg-Leu-Ala-Gly-Leu-Leu-Ser-Arg-Ser-Gly-Gly-Val-Val-Lys-Asp-Asn-Phe-Val-Pro-Thr-Asn-Val-Gly-Ser-Glu-Ala-Phe-NH₂, (Disulfide bond)

TRACER:	H-4958
RANGE:	0.001-0.64 ng/ml (0.1-64 pg/tube)
AVERAGE IC₅₀:	0.11 ng/ml (11 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:	%:
α -CGRP (canine, mouse, rat)	100
α -CGRP (human)	14
β -CGRP (rat)	23
β -CGRP (human)	13
Cholecystokinin Octapeptide (desulfated)	16
Amylin (rat)	<0.01
Amylin (free acid) (human)	<0.001
Calcitonin (rat)	0
Dynorphin A	0
Neuropeptide Y (human, rat)	0
Somatostatin-14	0
Substance P	0