



Peninsula Laboratories, LLC

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Cat. No. S-2013

β-Endorphin (human)

SPECIFICATIONS: Formulated for extracted samples

STANDARD: 12.8 µg H-2700 H-Tyr-Gly-Gly-Phe-Met-Thr-Ser-Glu-Lys-Ser-Gln-Thr-Pro-Leu-Val-Thr-Leu-Phe-Lys-Asn-Ala-Ile-Ile-Lys-Asn-Ala-Tyr-Lys-Lys-Gly-Glu-OH

TRACER: H-5012

RANGE: 0.01-1.28 ng/ml (1-128 pg/tube)

AVERAGE IC₅₀: 0.14 ng/ml (14 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:	%:
β-Endorphin (human)	100
β-Endorphin (equine)	100
β-Endorphin (porcine)	100
β-Lipotropin (human)	100
β-Endorphin (1-27) (human)	92
β-Endorphin (rat)	80
Ac-β-Endorphin (human)	70
Ac-β-Endorphin (1-27) (Human)	50
β-Endorphin (6-31) (human)	43
β-Endorphin (camel, bovine, mouse, ovine)	39
β-Endorphin (1-26) (human)	37
Ac-β-Endorphin (1-26) (human)	30
γ-Endorphin	0
α-Endorphin	0
Met-Enkephalin	0
α-MSH	0
ACTH (1-39) (human)	0
Dynorphin A	0