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Cat. No. S-1240

EIA for β -Endorphin (human) (for human serum and plasma samples)

SPECIFICATIONS: Extraction-free kit for human serum/plasma

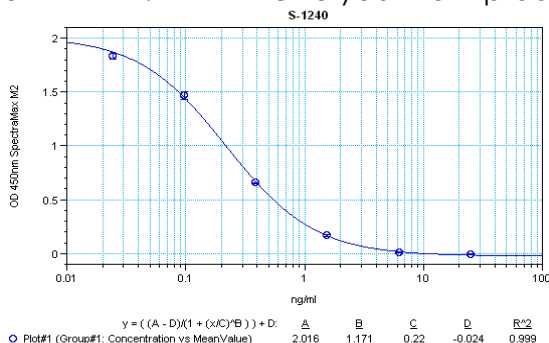
STANDARD: 1 μ g H-2700 H-Tyr-Gly-Gly-Phe-Met-Thr-Ser-Glu-Lys-Ser-Gln-Thr-Pro-Leu-Val-Thr-Leu-Phe-Lys-Asn-Ala-Ile-Ile-Lys-Asn-Ala-Tyr-Lys-Lys-Gly-Glu-OH

PROTOCOL: V (Ab1hr.Std2hr.BtON)

RANGE: 0-25 ng/ml

AVERAGE IC₅₀: 1 ng/ml

SHELF-LIFE: One year from production date



Suggested Preparation of Standards		
	ng/ml	Range: 0.02 to 25 ng/ml
Stock	1000	
S1	25.00	Add 25 μ l stock + 975 μ l diluent
S2	6.25	Add 200 μ l S1 + 600 μ l diluent
S3	1.56	Add 200 μ l S2 + 600 μ l diluent
S4	0.39	Add 200 μ l S3 + 600 μ l diluent
S5	0.10	Add 200 μ l S4 + 600 μ l diluent
S6	0.02	Add 200 μ l S5 + 600 μ l diluent
S0	0.00	500 μ l diluent

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