



Peninsula Laboratories, LLC

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Cat. No. S-1216

Glucagon-Like Peptide 1 (GLP-1) (7-37) (human, bovine, guinea pig, mouse, rat)

SPECIFICATIONS: Formulated for extracted samples

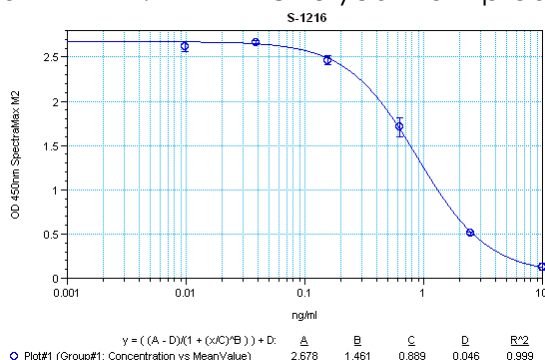
STANDARD: 1 µg H-5102 H-His-Ala-Glu-Gly-Thr-Phe-Thr-Ser-Asp-Val-Ser-Ser-Tyr-Leu-Glu-Gly-Gln-Ala-Ala-Lys-Glu-Phe-Ile-Ala-Trp-Leu-Val-Lys-Gly-Arg-Gly-OH

PROTOCOL: III (Std.Ab1hr.Bt)

RANGE: 0-10 ng/ml

AVERAGE IC₅₀: 0.47 ng/ml

SHELF-LIFE: One year from production date



Suggested Preparation of Standards		
	ng/ml	Range: 0.01 to 10 ng/ml
Stock	1000	
S1	10.00	Add 10 µl stock + 990 µl diluent
S2	2.50	Add 200 µl S1 + 600 µl diluent
S3	0.63	Add 200 µl S2 + 600 µl diluent
S4	0.16	Add 200 µl S3 + 600 µl diluent
S5	0.04	Add 200 µl S4 + 600 µl diluent
S6	0.01	Add 200 µl S5 + 600 µl diluent
S0	0.00	500 µl diluent

CROSS REACTION:

PEPTIDE	%
GLP-1 (7-37) (human)	100
GLP-1 (human)	100
GLP-1 (9-36) amide (human)	31
GLP-1 (7-36) amide (human)	<0.1
GLP-2 (human)	0
Amylin (human)	0
GRF (human)	0
GIP (human)	0
Glucagon (1-29) (human)	0
Insulin (human)	0
Secretin (porcine)	0
VIP (human, bovine, porcine, rat)	0