



# Peninsula Laboratories, LLC

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## Cat. No. S-1142

### GLP-1 (1-37) (human, bovine, guinea pig, mouse, rat)

**SPECIFICATIONS:** Formulated for extracted samples

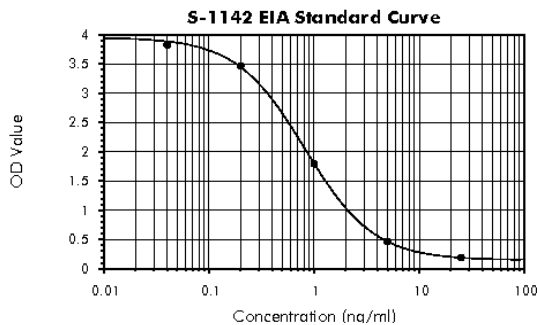
**STANDARD:** 1 µg H-5552 H-His-Asp-Glu-Phe-Glu-Arg-His-Ala-Glu-Gly-Thr-Phe-Thr-Ser-Asp-Val-Ser-Ser-Tyr-Leu-Glu-Gly-Gln-Ala-Ala-Lys-Glu-Phe-Ile-Ala-Trp-Leu-Val-Lys-Gly-Arg-Gly-OH

**PROTOCOL:** III (Std.Ab1hr.Bt)

**RANGE:** 0-25 ng/ml

**AVERAGE IC<sub>50</sub>:** 0.82 ng/ml

**SHELF-LIFE:** One year from production date



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

### CROSS REACTION:

PEPTIDE	%
GLP-1 (human)	100
GLP-1 (7-37) (human)	100
GLP-1 (7-36) amide (human)	0.1
GLP-1 (9-36) amide (human)	22
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