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Cat. No. S-1154

EIA for Calcitonin (salmon I) (for human serum and plasma samples)

SPECIFICATIONS: Extraction-free kit for human serum/plasma

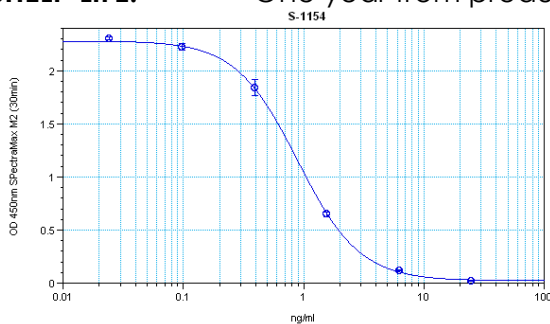
STANDARD: 1 µg H-2260 H-Cys-Ser-Asn-Leu-Ser-Thr-Cys-Val-Leu-Gly-Lys-Leu-Ser-Gln-Glu-Leu-His-Lys-Leu-Gln-Thr-Tyr-Pro-Arg-Thr-Asn-Thr-Gly-Ser-Gly-Thr-Pro-NH₂, (Disulfide bond)

PROTOCOL: V (Ab 1hr.Std 2hr.BtON)

RANGE: 0-25 ng/ml

AVERAGE IC₅₀: 0.6 ng/ml

SHELF-LIFE: One year from production date



○ S-1154 (Group#1: Concentration vs MeanValue)

$y = (A - D) / (1 + (x/C)^B) + D$

A: 2.283 B: 1.69 C: 0.895 D: 0.021 R²: 1

Suggested Preparation of Standards

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

CROSS REACTION:

PEPTIDE

%

Calcitonin (salmon I)	100
Calcitonin (eel)	100
[Asu ¹⁻⁷]-Calcitonin (eel)	100
Calcitonin (chicken)	100
Calcitonin (human)	0
Calcitonin (rat)	0
Calcitonin C-Terminal Flanking Peptide (human)	0
Calcitonin C-Terminal Adjacent Peptide (rat)	0
Amylin (free acid) (human)	0
Amylin (free acid) (rat)	0
α-CGRP (human)	0
pTH Related Protein (1-34) (human)	0