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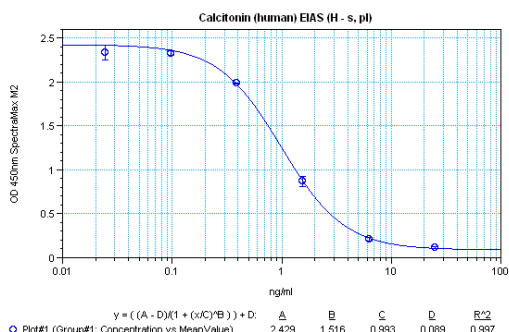
Cat. No. S-1441
Calcitonin (human)

(for human serum and plasma samples)

SPECIFICATIONS: Extraction-free kit for human serum/plasma

STANDARD: 1 µg H-2250 H-Cys-Gly-Asn-Leu-Ser-Thr-Cys-Met-Leu-Gly-Thr-Tyr-Thr-Gln-Asp-Phe-Asn-Lys-Phe-His-Thr-Phe-Pro-Gln-Thr-Ala-Ile-Gly-Val-Gly-Ala-Pro-NH₂, (Disulfide bond)

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 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 (human)	100
Calcitonin (rat)	5.4
Calcitonin C-Terminal Adjacent Peptide (rat)	0.001
Calcitonin (eel)	0
Calcitonin (salmon I)	0
Calcitonin (chicken)	0
Amylin (human)	0
α-CGRP (human)	0

Cross-Reactivity data is taken from Radioimmunoassay applications.