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Cat. No. S-1365

[Deamino-Cys¹, D-Arg⁸]-Vasopressin

(Desmopressin)

(For rat serum and plasma samples)

SPECIFICATIONS: Extraction-free kit for rat serum/plasma

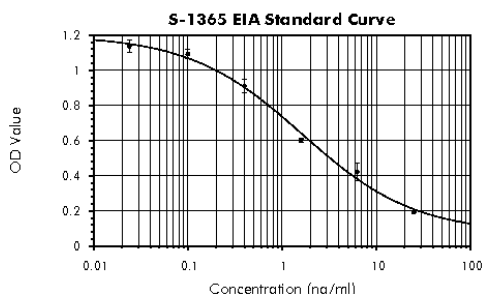
STANDARD: 1 µg H-7675 3-Mercaptopropionyl-Tyr-Phe-Gln-Asn-Cys-Pro-D-Arg-Gly-NH₂, (Disulfide bond)

PROTOCOL: V (Ab1hr.Std2hr.BtON)

RANGE: 0-25 ng/ml

AVERAGE IC₅₀: 1.2 ng/ml

SHELF-LIFE: One year from production date



OD450 nm Spectramax M2 after 1 hour

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

%

[Deamino-Cys¹, D-Arg⁸]-Vasopressin (Desmopressin; DDAVP)

100

[D-Arg⁸]-Vasopressin

7

Oxytocin

7

[Arg⁸]-Vasopressin

4

[d-(CH₂)₅, D-Ile², Ile⁴, Arg⁸]-Vasopressin

0

ACTH 1-39 (human)

0

LHRH

0