



# Peninsula Laboratories International, Inc.

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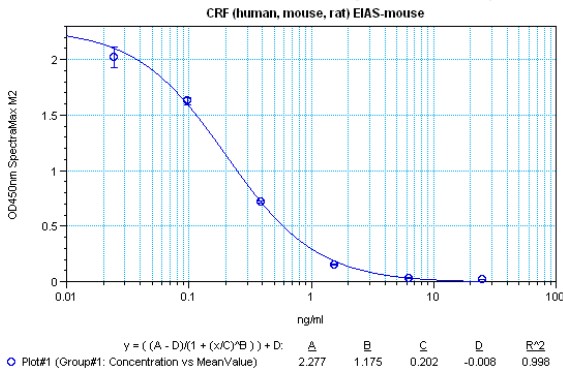


## Cat. No. S-1468 Corticotropin-Releasing Factor (CRF) (human, mouse, rat) (for mouse serum and plasma samples)

**SPECIFICATIONS:** Extraction-free kit for mouse serum/plasma

**STANDARD:** 1 µg H-2435 H-Ser-Glu-Glu-Pro-Pro-Ile-Ser-Leu-Asp-Leu-Thr-Phe-His-Leu-Leu-Arg-Glu-Val-Leu-Glu-Met-Ala-Arg-Ala-Glu-Gln-Leu-Ala-Gln-Gln-Ala-His-Ser-Asn-Arg-Lys-Leu-Met-Glu-Ile-Ile-NH<sub>2</sub>

**PROTOCOL:** V (Ab1hr.Std2hr.BtON)  
**RANGE:** 0-25 ng/ml  
**AVERAGE IC<sub>50</sub>:** 0.2 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	%
CRF (human, mouse, rat)	100
CRF (bovine)	0
CRF (ovine)	0
Sauvagine	0
Prepro-CRF (125-151) (human)	0
PACAP-38 (human, mouse, ovine, porcine, rat)	0
LHRH	0
ACTH (1-39) (human)	0
(Arg <sup>8</sup> )-Vasopressin	0
BNP-45 (rat)	0