



Peninsula Laboratories, LLC

A Member of the Bachem Group

305 Old County Road, San Carlos, CA 94070

Tel: (800) 922-1516 • (650) 592-5392

Fax: (650) 595-4071

www.bachem.com



Cat. No. S-1378

ACTH (1-39) (mouse, rat)

(for human serum and plasma samples)

SPECIFICATIONS: Extraction-free kit for human serum/plasma

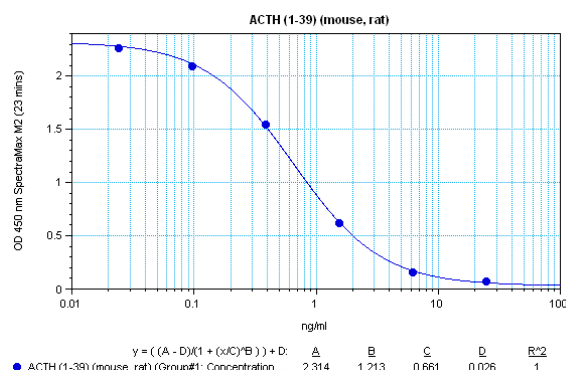
STANDARD: 1 µg H-4998 H-Ser-Tyr-Ser-Met-Glu-His-Phe-Arg-Trp-Gly-Lys-Pro-Val-Gly-Lys-Lys-Arg-Arg-Pro-Val-Lys-Val-Tyr-Pro-Asn-Val-Ala-Glu-Asn-Glu-Ser-Ala-Glu-Ala-Phe-Pro-Leu-Glu-Phe-OH

PROTOCOL: V (Ab1hr.Std2hr.BtON)

RANGE: 0-25 ng/ml

AVERAGE IC₅₀: 0.66 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 100 µl S1 + 300 µl diluent
S3	1.56	Add 100 µl S2 + 300 µl diluent
S4	0.39	Add 100 µl S3 + 300 µl diluent
S5	0.10	Add 100 µl S4 + 300 µl diluent
S6	0.02	Add 100 µl S5 + 300 µl diluent
S0	0.00	300 µl diluent

CROSS REACTION:

PEPTIDE

%

ACTH (1-39) (mouse, rat)

100

ACTH (1-39) (human)

100

ACTH (1-24) (human)

100

ACTH (7-38) (human)

31.2

ACTH (18-39) (human)

0

α-MSH

0

LH-RH

0

PACAP-38 (human, mouse, ovine, porcine, rat)

0

β-Endorphin (rat)

0