



BMA BIOMEDICALS



Peninsula Laboratories

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## T-4127

### Rabbit anti Adrenocorticotrophic Hormone (18-39) (human)

Adrenocorticotrophic Hormone (ACTH) (18-39) fragment is known as the Corticotropin-like Intermediate Lobe Peptide. It stimulates insulin secretion as well as amylase and protein secretion in a dose-dependent manner similar to those of secretin and carbamylcholine.

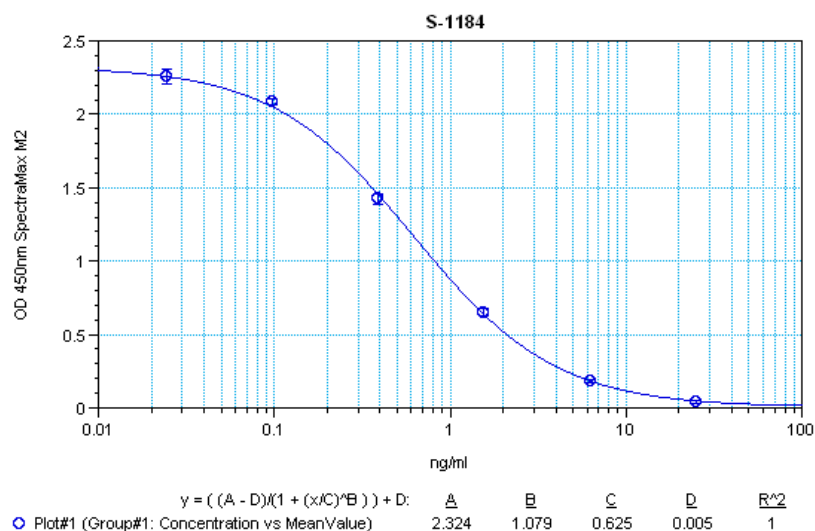
This antibody was generated by immunization of rabbits with Adrenocorticotrophic Hormone (18-39) coupled to a carrier protein.

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#### TECHNICAL AND ANALYTICAL CHARACTERISTICS

<b>Lot number:</b>	n/a
<b>Host species:</b>	Rabbit IgG
<b>Quantity:</b>	50µl
<b>Format:</b>	Neat undiluted antiserum, lyophilized, packaged under nitrogen. Reconstitute by adding 50µl distilled water. This will give the equivalent of undiluted antiserum.
<b>Stability:</b>	Original vial: at least one year at 4° - 8°C from date of delivery. Minimize repeated thawing and freezing of the antiserum by freezing aliquots at -20°C or below.
<b>Applications:</b>	This antibody has been tested and validated in ELISA against Adrenocorticotrophic Hormone (18-39). Other applications like immunohistochemistry (IHC), FACS or Western Blot may work as well. Optimal dilutions should be determined by the end user. Please see <a href="http://www.bma.ch">www.bma.ch</a> for protocols and general information.
<b>Immunogen:</b>	Synthetic peptide H-Arg-Pro-Val-Lys-Val-Tyr-Pro-Asn-Gly-Ala-Glu-Asp-Glu-Ser-Ala-Glu-Ala-Phe-Pro-Leu-Glu-Phe-OH coupled to carrier protein.

Typical titration curve of Adrenocorticotrophic Hormone (1-39) in a competitive ELISA with this antibody:



Related Products:

- T-4119: anti ACTH (1-39), neat antiserum
- T-4118: anti ACTH (1-39), purified IgG
- T-4121: anti ACTH (1-24) (hu, bo, rt) diluted antiserum
- T-4123: anti ACTH (1-24) (hu, bo, rt) neat antiserum
- S-1376: ELISA, extraction-free for human serum and plasma samples
- S-1184: ELISA, high sensitivity for extracted samples, ACTH (1-39)

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This product contains no preservative and is intended for laboratory use and research purposes only. Purchase of this product does not include authorization to use it in diagnostic or therapeutic applications.

T-4127

neat antiserum – hu

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