



BMA BIOMEDICALS



Peninsula Laboratories

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## T-4123

### **Rabbit anti Adrenocorticotrophic Hormone (1-24) (human, bovine, mouse, ovine, porcine, rabbit, rat)**

Adrenocorticotrophic Hormone (ACTH) (1-24) (also known as Tetracosactide or Cosyntropin) is a synthetic peptide that is identical to the 24-amino acid segment at the N-terminal of adrenocorticotrophic hormone. ACTH (1-24) contains the biological activity that stimulates the production of corticosteroids in the adrenal cortex. It exhibits the same activity as natural ACTH with regard to all its biological activities.

This antibody was generated by immunization of rabbits with Adrenocorticotrophic Hormone (1-24) coupled to a carrier protein.

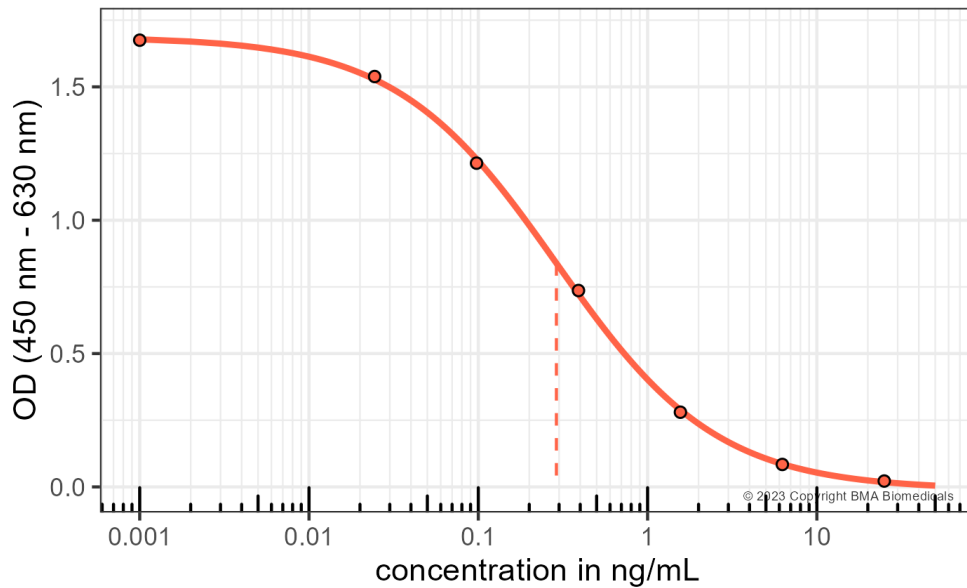
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#### **TECHNICAL AND ANALYTICAL CHARACTERISTICS**

<b>Lot number:</b>	A18PO20393
<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 (1-24) and in immunohistochemistry (IHC). Other applications like 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-Ser-Tyr-Ser-Met-Glu-His-Phe-Arg-Trp-Gly-LysPro-Val-Gly-Lys-Lys-Arg-Arg-Pro-Val-Lys-Val-Tyr-Pro-OH (Disulfide bond) carrier protein.

Typical titration curve of Adrenocorticotrophic Hormone (1-24) in a competitive ELISA with this antibody:

### T-4123 (10 minutes color reaction)



Related Products: T-4122: anti ACTH (1-24), purified IgG, host: rabbit  
T-4121: anti ACTH (1-24), diluted antiserum, host: rabbit  
S-1185: ELISA, high sensitivity for extracted samples, ACTH (1-24)

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For in vitro research only. This product contains no preservative. Purchase of this product does not include authorization to use it in diagnostic or therapeutic applications.

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25/10/2023