

Mouse Adrenocorticotrophic Hormone, ACTH ELISA Kit | ACTH elisa kit

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CATALOG #
AAA42765

REACTIVITY
Mouse

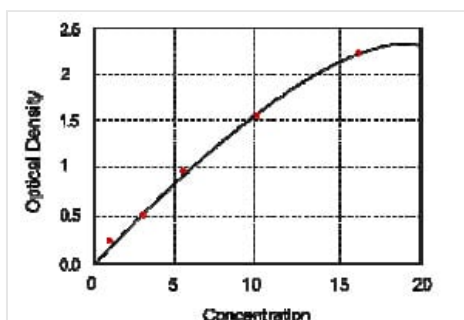
PRODUCT SYNONYMS

Adrenocorticotrophic Hormone; ACTH; Mouse Adrenocorticotrophic Hormone; ACTH ELISA Kit; ACTH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	39
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	5ng/L - 600ng/L
Sensitivity	3.13ng/L
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ACTH elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Mouse Adrenocorticotrophic Hormone (also known as ACTH) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Mouse ACTH antibody. ACTH present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Mouse ACTH Antibody is added and binds to ACTH in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated ACTH antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Mouse ACTH. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	191659
NCBI GeneID	18976
Molecular Weight	26,707 Da
NCBI Official Full Name	adrenocorticotrophic hormone, partial
NCBI Official Synonym Full Names	pro-opiomelanocortin-alpha
NCBI Official Symbol	Pomc
NCBI Official Synonym Symbols	BE; Npp; ACTH; Clip; Pomc1; Pomc-1; Beta-LPH; alphaMSH; beta-MSH; Gamma-LPH; alpha-MSH; gamma-MSH
NCBI Protein Information	pro-opiomelanocortin
UniProt Protein Name	Pro-opiomelanocortin
UniProt Gene Name	Pomc
UniProt Synonym Gene Names	Pomc1; POMC; ACTH; Alpha-MSH; CLIP; Beta-MSH

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/mouse-elisa-kits/adrenocorticotrophic-hormone-acth/42765>