

Hamster Adrenocorticotrophic Hormone (ACTH) ELISA Kit | ACTH elisa kit

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CATALOG #
AAA121338

REACTIVITY
Hamster

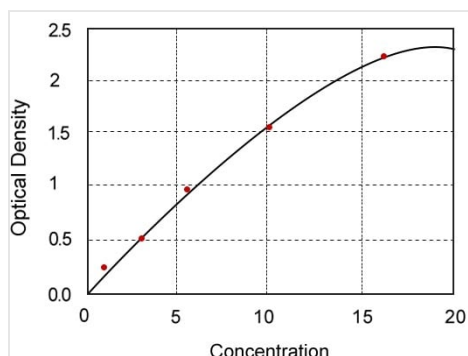
PRODUCT SYNONYMS

Adrenocorticotrophic Hormone (ACTH); Hamster Adrenocorticotrophic Hormone (ACTH) ELISA Kit; ACTH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Hamster
Sequence Length	39
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.5ng/L - 100ng/L
Sensitivity	0.23ng/L
Intra-Assay	CV<8%
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 Hamster Adrenocorticotrophic Hormone (also known as CTH) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Hamster CTH antibody. CTH present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Hamster CTH Antibody is added and binds to CTH in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated CTH 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 Hamster CTH. 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/hamster-elisa-kits/adrenocorticotrophic-hormone-acth/121338>