

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

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CATALOG #
AAA54602

REACTIVITY
Human

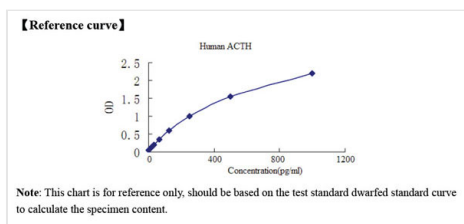
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	39
Samples	Human serum, plasma or Cell Culture Supernatant and organizations in the natural and recombinant ACTH concentration
Assay Type	Sandwich
Detection Range	1000 pg/ml-15.6 pg/ml
Sensitivity	5 pg/ml.
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ACTH elisa kit

Principle of the Assay: This experiment use double-sandwich elisa technique and the ELISA Kit provided is typical. The pre-coated antibody is human ACTH monoclonal antibody and the detecting antibody is polyclonal antibody with biotin labeled. Samples and biotin labeling antibody are added into ELISA plate wells and washed out with PBS or TBS. Then Avidin-peroxidase conjugates are added to ELISA wells in order; Use TMB substrate for coloring after reactant thoroughly washed out by PBS or TBS. TMB turns into blue in peroxidase catalytic and finally turns into yellow under the action of acid. The color depth and the testing factors in samples are positively correlated.

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; beta-endorphin; met-enkephalin; melanotropin gamma; corticotropin-lipotropin; adrenocorticotrophic hormone; adrenal corticotrophic hormone; alpha-melanocyte stimulating hormone; corticotropin-like intermediary peptide
UniProt Protein Name	Pro-opiomelanocortin
UniProt Gene Name	Pomc
UniProt Synonym Gene Names	Pomc1; POMC; ACTH; CLIP
UniProt Entry Name	COLI_MOUSE

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/human-elisa-kits/adrenocorticotrophic-hormone-acth/54602>