

Cat Adrenocorticotrophic Hormone, ACTH ELISA Kit | ACTH elisa kit

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CATALOG #
AAA123251

REACTIVITY
Cat

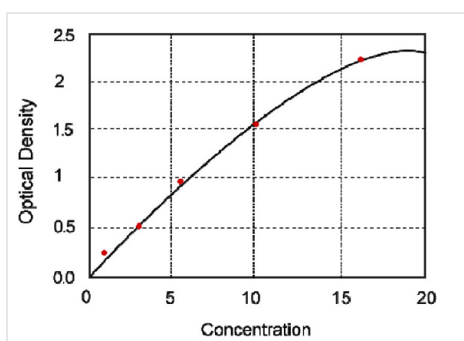
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Cat
Sequence Length	267
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	25-1600ng/L
Sensitivity	11ng/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	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Cat ACTH antibody. ACTH present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Cat 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 Cat ACTH. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm. Intended Uses: This sandwich kit is for the accurate quantitative detection of Cat Adrenocorticotrophic Hormone (also known as ACTH) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4505949
NCBI GeneID	5443
NCBI GenBank Nucleotide #	NP_000930.1
UniProt Accession #	P01189
NCBI Official Full Name	pro-opiomelanocortin preproprotein
NCBI Official Synonym Full Names	proopiomelanocortin
NCBI Official Symbol	POMC
NCBI Official Synonym Symbols	LPH; MSH; NPP; POC; ACTH; CLIP; OBAIRH
NCBI Protein Information	pro-opiomelanocortin
UniProt Protein Name	Pro-opiomelanocortin
UniProt Gene Name	POMC
UniProt Synonym Gene Names	POMC; ACTH; CLIP
UniProt Entry Name	COLI_HUMAN

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://stage.aaabiotech.com/cat-elisa-kits/adrenocorticotrophic-hormone-acth/123251>