

Mouse adrenocorticotrophic hormone (ACTH) ELISA Kit | ACTH elisa kit

Mouse adrenocorticotrophic hormone, ACTH ELISA Kit

CATALOG #
AAA80639

REACTIVITY
Mouse

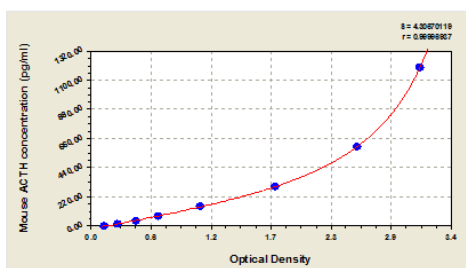
PRODUCT SYNONYMS

adrenocorticotrophic hormone (ACTH); Mouse adrenocorticotrophic hormone; ACTH ELISA Kit; Mouse adrenocorticotrophic hormone (ACTH) ELISA kit; ACTH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse ACTH. No significant cross-reactivity or interference between mouse ACTH and analogues was observed.
Sequence Length	41
Samples	Serum, plasma
Assay Type	Quantitative Sandwich
Detection Range	18.75 pg/ml-1200 pg/ml
Sensitivity	< 4.7 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ACTH elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for ACTH has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any ACTH present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for ACTH is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of ACTH bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	490074
NCBI Official Full Name	ACTH, partial

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/80639>