

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

Fish adrenocorticotrophic hormone, ACTH ELISA Kit

CATALOG #
AAA15768

REACTIVITY
Fish

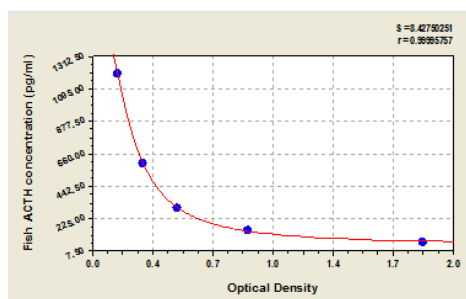
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Fish
Specificity	This assay has high sensitivity and excellent specificity for detection of fish ACTH. No significant cross-reactivity or interference between fish ACTH and analogues was observed.
Sequence Length	41
Assay Type	Competitive
Samples	Serum, plasma, tissue homogenates
Detection Range	75 pg/ml-1200 pg/ml
Sensitivity	< 75 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<15%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<15%. 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 competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with an antibody specific to ACTH. Standards or samples are added to the appropriate microtiter plate wells with Biotin-conjugated ACTH. A competitive inhibition reaction is launched between ACTH (Standards or samples) and Biotin-conjugated ACTH with the pre-coated antibody specific for ACTH. The more amount of ACTH in samples, the less antibody bound by Biotin-conjugated ACTH. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Substrate solution is added to the wells and the color develops in opposite to the amount of ACTH in the sample. The color development is stopped and the intensity of the color is measured.
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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://stage.aaabiotech.com/fish-elisa-kits/adrenocorticotrophic-hormone-acth/15768>