

Porcine ACTH ELISA Kit | ACTH elisa kit

Porcine ACTH (Adrenocorticotrophic Hormone) ELISA Kit

CATALOG #
AAA163642

REACTIVITY
Porcine

PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Specificity	This kit recognizes Porcine ACTH in samples. No significant cross-reactivity or interference between Porcine ACTH and analogues was observed.
Sequence Length	41
Samples	Serum, plasma and other biological fluids
Assay Type	Quantitative Competitive
Detection Range	15.63-1000pg/mL
Sensitivity	9.38pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Porcine ACTH were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Porcine ACTH were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

ADDITIONAL INFORMATION

Related Product Information for ACTH elisa kit

Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Porcine ACTH concentrations in serum, plasma and other biological fluids.

Principle of the Assay: This ELISA kit uses the Competitive-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with Porcine ACTH. During the reaction, Porcine ACTH in the sample or standard competes with a fixed amount of Porcine ACTH on the solid phase supporter for sites on the Biotinylated Detection Ab specific to Porcine ACTH. Excess conjugate and unbound sample or standard are washed from the plate, and Avidin conjugated to Horseradish Peroxidase (HRP) are added to each microplate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of stop solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of Porcine ACTH in the samples is then determined by comparing the OD of the samples to the standard curve.

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.

