

ACTH elisa kit

ACTH Ultra Sensitive lum ELISA Kit (Mouse/Rat)

CATALOG #
AAA14585

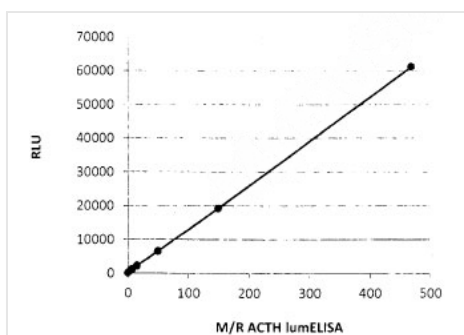
PRODUCT SYNONYMS

ACTH; ACTH Ultra Sensitive lum ELISA Kit (Mouse/Rat); ACTH elisa kit

PRODUCT SPECIFICATIONS

Sequence Length	41
Samples	Human Serum, Plasma, Body Fluids, Tissue Lysates Or Cell Culture Supernates
Assay Type	Quantitative Sandwich
Detection Range	312pg/ml-20,000pg/ml
Sensitivity	<10pg/ml

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ACTH elisa kit

Intended Uses: For quantitative detection of RBP4 in human serum, plasma, body fluids, tissue lysates or cell culture supernatants. For research use only.

Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-RBP4 polyclonal antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-RBP4 polyclonal antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. Avidin-Biotin-Peroxidase Complex was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the RBP4 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of RBP4 can be calculated!!

Background/Introduction: Retinol binding protein 4, plasma, also known as RBP4, is protein that in humans is encoded by the RBP4 gene. The RBP4 gene resides just centromeric of the cluster of CYP2C genes on 10q24. It belongs to the lipocalin family and is the specific carrier for retinol (vitamin A alcohol) in the blood. RBP4 has recently been described as an adipokine that contributes to insulin resistance in the AG4KO mouse model. It is secreted by adipocytes, and can act as a signal to other cells, when there is a decrease in plasma glucose concentration.

Product Categories/Family for ACTH
elisa kit

Steroid Markers

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/elisa-kits/acth/14585>