



Rabbit adrenocorticotrophic hormone (ACTH) ELISA kit

Cat. No.:	OB0525WXX-188
Assay Type:	Quantitative ELISA
Target Species:	Rabbit
Assay Target:	ACTH
Size:	48T; 96T

This product is for research use only and is not intended for diagnostic use.

Product Overview

Description	Rabbit adrenocorticotrophic hormone (ACTH) ELISA kit is a ready-to-use ELISA kit for analyzing rabbit ACTH levels. This kit has high sensitivity and excellent specificity.
Assay Principle	The kit is based on an ACTH antibody-ACTH antigen interaction (immunosorbent) and an HRP colorimetric detection system for the detection of ACTH antigen targets in samples.
Background	ACTH stimulates the adrenal glands to release cortisol. Defects in POMC may be associated with susceptibility to obesity (OBESITY). It is a condition characterized by an increase in body weight beyond the limitations of skeletal and physical requirements, as a result of excessive accumulation of body fat. Defects in POMC are the cause of pro-opiomelanocortin deficiency (POMCD). Affected individuals present early-onset obesity, adrenal insufficiency, and red hair.
Synonyms	ACTH; Corticotropin; Adrenocorticotropin; Adrenocorticotrophic hormone; Pomc1; Pomc-1; Beta-LPH; AlphaMSH; beta-MSH; Gamma-LPH; Alpha-MSH; Gamma-MSH
Formula Weight	26,707 Da
Applications	Rabbit adrenocorticotrophic hormone (ACTH) ELISA kit is designed for the <i>in vitro</i> quantitative analysis of ACTH levels in rabbit samples.
Research Area	Hormone research; Metabolites; Signaling pathway; Glucose homeostasis; Regulation of appetite; Obesity

Specification



Sample Type

Rabbit samples

Cross-reactivity

No significant cross-reactivity or interference was observed.

Storage

Store at 2-8°C.