



Monkey adiponectin receptor 1 (ADIPOR1) ELISA kit

Cat. No.:	OB0525WXX-236
Assay Type:	Quantitative competitive ELISA
Target Species:	Monkey
Assay Target:	ADIPOR1
Size:	48T; 96T

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

Product Overview

Description	Monkey adiponectin receptor 1 (ADIPOR1) ELISA kit is a ready-to-use ELISA kit for analyzing monkey ADIPOR1 levels with a detection range of 2.5-50 ng/mL and a sensitivity of 0.1 ng/mL.
Assay Principle	The kit is based on ADIPOR1 antibody-ADIPOR1 antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect ADIPOR1 antigen targets in samples.
Background	ADIPOR1 is a receptor for adiponectin, a hormone secreted by adipocytes that regulates fatty acid catabolism and blood glucose levels. It has been shown to activate the AMPK signaling pathway, which plays an important role in the regulation of glucose and lipid metabolism as well as inflammation and oxidative stress <i>in vivo</i> . ADIPOR1 is an attractive target for anti-obesity research.
Synonyms	AdipoR1; Adiponectin receptor type 1
Formula Weight	42,616 Da
Applications	Monkey adiponectin receptor 1 (ADIPOR1) ELISA kit is designed for the <i>in vitro</i> quantitative analysis of ADIPOR1 levels in monkey serum, plasma, cell culture supernatants, body fluid, and tissue homogenate samples.
Research Area	Lipid metabolism; Signaling pathways; Obesity

Specification

Sample Type	Serum; Plasma; Cell culture supernatants; Body fluid; Tissue homogenate
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Detection Range	2.5-50 ng/mL
Sensitivity	0.1 ng/mL
Cross-reactivity	No significant cross-reactivity or interference was observed.
Storage	Store at 2-8°C.