



Human adiponectin (ADP) ELISA kit

Cat. No.:	OB0525WXX-206
Assay Type:	Quantitative sandwich ELISA
Target Species:	Human
Assay Target:	ADP
Size:	48T; 96T; 5x96T

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

Product Overview

Description	Human adiponectin (ADP) ELISA kit is a ready-to-use ELISA kit for analyzing human ADP levels with high sensitivity and specificity.
Assay Principle	This kit is based on ADP antibody-ADP antigen interaction (immunosorbent) and the HRP colorimetric detection system to detect ADP antigen targets in samples.
Background	ADP is an important adipokine involved in the regulation of fat metabolism and insulin sensitivity, exhibiting antidiabetic, anti-atherosclerotic, and anti-inflammatory properties. It increases glucose utilization and fatty acid burning, stimulates AMPK phosphorylation and activation in liver and skeletal muscle, and may play a role in cell growth, angiogenesis, and tissue remodeling.
Synonyms	ADIPOQ; ACDC; APM1; Adipocyte C1q and collagen domain-containing protein; ACRP30; Adipose most abundant gene transcript 1 protein; apM-1; Gelatin-binding protein; Adiponectin
Formula Weight	26,414 Da
Applications	Human adiponectin (ADP) ELISA kit is designed for the <i>in vitro</i> quantitative analysis of ADP levels in human serum, and plasma samples.
Research Area	Hormone research; Lipid metabolism; Cell differentiation; Obesity

Specification

Sample Type	Serum; Plasma
Precision (Intra-assay)	CV<15%



Precision (Inter-assay)

CV<15%

Cross-reactivity

No significant cross-reactivity or interference was observed.

Storage

Store at 2-8°C.