



Hamster adiponectin (ADP) ELISA kit (96T)

Cat. No.:	OB0525WXX-212
Assay Type:	Quantitative ELISA
Target Species:	Hamster
Assay Target:	ADP
Size:	96T

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

Product Overview

Description	Hamster adiponectin (ADP) ELISA kit (96T) is a ready-to-use ELISA kit for analyzing hamster ADP levels with a detection range of 0.469-30 ng/mL and a sensitivity of 0.117 ng/mL.
Assay Principle	The kit is based on ADP antibody-ADP antigen interactions (immunosorbency) 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	26,133 Da
Applications	Hamster adiponectin (ADP) ELISA kit (96T) is designed for the <i>in vitro</i> quantitative analysis of ADP levels in hamster serum, plasma, and tissue homogenate samples.
Research Area	Hormone research; Lipid metabolism; Cell differentiation; Obesity

Specification



Sample Type	Serum; Plasma; Tissue homogenates
Sample Volume	50-100 μ L
Detection Range	0.469-30 ng/mL
Sensitivity	0.117 ng/mL
Cross-reactivity	No significant cross-reactivity or interference was observed.
Storage	Store at 4°C.