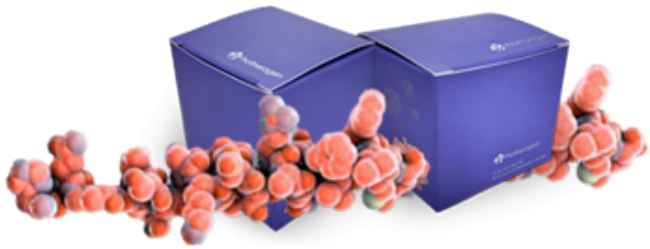
Protheragen
Obesity



Chicken peroxisome proliferator-activated receptor gamma-2 (PPARγ2) ELISA kit-Quantitative sandwich

Cat. No.:	0126WXX-1552
Assay Type:	Quantitative sandwich ELISA
Target Species:	Chicken
Assay Target:	PPARγ2
Size:	1 kit

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

Product Overview

Description	Chicken peroxisome proliferator-activated receptor gamma-2 (PPARγ2) ELISA kit-Qu antitative sandwich is an ELISA-based *in vitro* research tool designed spe cifically for the quantitative detection of PPARγ2 in chicken samples. The kit i s highly sensitive and easy to use.
Assay Principle	The ELISA analytical biochemical technique is based on PPARγ2 antibody-PPARγ2 an tigen interactions (immunosorbency) and an HRP colorimetric detection system to detect PPARγ2 antigen targets in samples.
Background	Peroxisome proliferator-activated receptor gamma-2 (PPARγ2) is a nuclear recepto r and transcription factor predominantly expressed in adipose tissue, where it p lays a central role in adipocyte differentiation, lipid storage, and glucose met abolism. By regulating the expression of genes involved in fatty acid uptake, tr iglyceride synthesis, and insulin sensitivity, PPARγ2 is critical for maintainin g energy balance and metabolic homeostasis. Alterations in PPARγ2 expression or activity are closely linked to abnormal fat accumulation, insulin resistance, an d increased susceptibility to obesity and obesity-related metabolic disorders.
Synonyms	Peroxisome proliferator-activated receptor gamma 2; PPARgamma2; PPAR-gamma2; PPA Rg2
Formula Weight	57,620 Da

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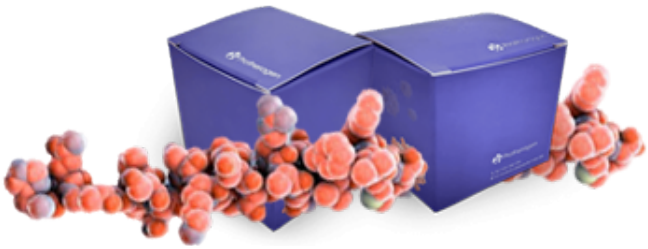

Applications	Chicken peroxisome proliferator-activated receptor gamma-2 (PPARγ2) ELISA kit-Qu antitative sandwich is used to quantify PPARγ2 in chicken samples, providing dat a to support research in a wide range of areas, including metabolic pathways, en docrinology, cardiovascular biology, developmental science, bone metabolism, obe sity, and others.
Research Area	Metabolic pathway; Endocrinology; Cardiovascular biology; Developmental science; Bone metabolism; Obesity

Specification

Sample Type	Chicken samples
Cross-reactivity	No significant cross-reactivity or interference was observed.
Storage	Store at 2-8°C.

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