



Sheep retinoid X receptor (RXR) ELISA kit-Quantitative sandwich

Cat. No.:	0126WXX-1755
Assay Type:	Quantitative sandwich ELISA
Target Species:	Sheep
Assay Target:	RXR
Size:	48T; 96T

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

Product Overview

Description	Sheep retinoid X receptor (RXR) ELISA kit-Quantitative sandwich is an ELISA-based <i>in vitro</i> research tool designed specifically for the quantitative detection of RXR in sheep samples. The kit is highly sensitive and easy to use.
Assay Principle	The ELISA analytical biochemical technique is based on RXR antibody-RXR antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect RXR antigen targets in samples.
Background	Retinoid X receptor (RXR) is a nuclear receptor that functions as a transcriptional regulator of genes involved in lipid metabolism, glucose homeostasis, and energy balance. RXR forms obligate heterodimers with multiple metabolic nuclear receptors, including PPARs, LXRs, and FXR, thereby integrating retinoid signaling with pathways controlling adipogenesis and lipid storage. Through these interactions, RXR plays a central role in adipocyte differentiation and metabolic regulation. Dysregulation of RXR-mediated signaling has been implicated in abnormal fat accumulation, insulin resistance, and the development of obesity and obesity-related metabolic disorders.
Synonyms	Nuclear receptor subfamily 2; group B
Formula Weight	120,537 Da

**Applications**

Sheep retinoid X receptor (RXR) ELISA kit-Quantitative sandwich is used to quant ify RXR in sheep samples, providing data to support research in a wide range of areas, including metabolic pathways, endocrinology, hormone metabolism, obesity, and others.

Research Area

Metabolic pathway; Endocrinology; Hormone metabolism; Obesity

Specification**Sample Type**

Sheep samples

Cross-reactivity

No significant cross-reactivity or interference was observed.

Storage

Store at 2-8°C.