



Mouse retinoic acid receptor responder protein 2 (RARRES2) ELISA kit-Quantitative sandwich

Cat. No.:	0126WXX-1705
Assay Type:	Quantitative sandwich ELISA
Target Species:	Mouse
Assay Target:	RARRES2
Size:	24T; 48T; 96T

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

Product Overview

Description	Mouse retinoic acid receptor responder protein 2 (RARRES2) ELISA kit-Quantitative sandwich is an ELISA-based <i>in vitro</i> research tool designed specifically for the quantitative detection of RARRES2 in mouse samples with a range of 0.62 5-40 ng/mL and a minimum detectable dose (sensitivity) of 0.411 ng/mL. The kit is highly sensitive and easy to use.
Assay Principle	The ELISA analytical biochemical technique is based on RARRES2 antibody-RARRES2 antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect RARRES2 antigen targets in samples.
Background	Retinoic acid receptor responder 2 (RARRES2, also known as chemerin) is a secreted protein with a signal peptide that localizes to the extracellular matrix region. It functions in protein and receptor binding, and is involved in processes such as chemotaxis, cell differentiation, fat cell differentiation, brown adipocyte development, lipid metabolism, and inflammatory responses.
Synonyms	TIG2; Chemerin; Tazarotene-induced gene 2; Retinoic acid receptor responder 2; Tazarotene induced; RAR-responsive protein TIG2
Formula Weight	18,350 Da
Applications	Mouse retinoic acid receptor responder protein 2 (RARRES2) ELISA kit-Quantitative sandwich is used to quantify RARRES2 in mouse samples, providing data to support research in a wide range of areas, including cytokine, metabolic pathways, Infection immunity, obesity, and others.

**Research Area**

Cytokine; Metabolic pathway; Infection immunity; Obesity

Specification

Sample Type	Mouse samples
Detection Range	0.625-40 ng/mL
Sensitivity	0.411 ng/mL
Precision (Intra-assay)	CV<8%
Precision (Inter-assay)	CV<10%
Cross-reactivity	No significant cross-reactivity or interference was observed.
Storage	Store at 2-8°C.