



Human beta-2 adrenergic receptor (ADRB2) ELISA kit (0.5-10 ng/mL)

Cat. No.:	OB0525WXX-318
Assay Type:	Quantitative competitive ELISA
Target Species:	Human
Assay Target:	ADRB2
Size:	48T; 96T

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

Product Overview

Description	Human beta-2 adrenergic receptor (ADRB2) ELISA kit (0.5-10 ng/mL) is a ready-to-use ELISA kit for analyzing human ADRB2 levels with a detection range of 0.5-10 ng/mL and a sensitivity of 0.1 ng/mL.
Assay Principle	The kit is based on ADRB2 antibody-ADRB2 antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect ADRB2 antigen targets in samples.
Background	ADRB2, the β -adrenergic receptor, regulates the metabolism and phenotype of adipose and skeletal muscle tissues, and its polymorphisms are associated with body composition and obesity. Based on its role in obesity, targeting ADRB2 is an attractive target in anti-obesity drug development.
Synonyms	β 2AR; β 2-AR; Beta-2 adrenoceptor; B2AR
Formula Weight	46,459 Da
Applications	Human beta-2 adrenergic receptor (ADRB2) ELISA kit (0.5-10 ng/mL) is designed for the <i>in vitro</i> quantitative analysis of ADRB2 levels in human serum, plasma, cell culture supernatants, body fluid, and tissue homogenate samples.
Research Area	Signaling pathway; Endocytosis; Brown fat cell differentiation; Hormone research ; Obesity

Specification

Sample Type	Serum; Plasma; Cell culture supernatants; Body fluid; Tissue homogenate
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Detection Range	0.5-10 ng/mL
Sensitivity	0.1 ng/mL
Cross-reactivity	No significant cross-reactivity or interference was observed.
Storage	Store at 2-8°C.