



Mouse agouti-related protein (AGRP) ELISA kit (25-500 pg/mL)

Cat. No.:	OB0525WXX-391
Assay Type:	Quantitative competitive ELISA
Target Species:	Mouse
Assay Target:	AGRP
Size:	48T; 96T

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

Product Overview

Description	Mouse agouti-related protein (AGRP) ELISA kit (25-500 pg/mL) is a ready-to-use ELISA kit for analyzing mouse AGRP levels with a detection range of 25-500 pg/mL and a sensitivity of 1.0 pg/mL.
Assay Principle	The kit is based on AGRP antibody-AGRP antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect AGRP antigen targets in samples.
Background	AGRP plays a role in body weight homeostasis, is involved in the control of eating behavior through the central melanocortin system, and acts as an inverse agonist of MC3R and MC4R, thereby inhibiting their constitutive activity. Genetic variants in <i>AGRP</i> may be responsible for obesity.
Synonyms	Agouti-related peptide; ASIP2
Formula Weight	14,440 Da
Applications	Mouse agouti-related protein (AGRP) ELISA kit (25-500 pg/mL) is designed for the <i>in vitro</i> quantitative analysis of AGRP levels in mouse serum, plasma, cell culture supernatants, body fluid, and tissue homogenate samples.
Research Area	Hormone research; Eating behavior; Signaling pathway; Obesity

Specification

Sample Type	Serum; Plasma; Cell culture supernatants; Body fluid; Tissue homogenate
Detection Range	25-500 pg/mL
Sensitivity	1.0 pg/mL



Cross-reactivity

No significant cross-reactivity or interference was observed.

Storage

Store at 2-8°C.