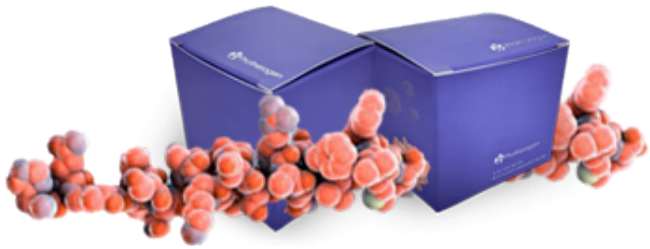
Protheragen Obesity



Human obestatin ELISA kit-Quantitative competitive

Cat. No.:	0126WXX-1187
Assay Type:	Quantitative competitive ELISA
Target Species:	Human
Assay Target:	Obestatin
Size:	96T

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

Product Overview

Description	Human obestatin ELISA kit-Quantitative competitive is an ELISA-based *in vitro* research tool designed specifically for the quantitative detection of obest atin in human samples with a range of 61.7-5000 pg/mL and a minimum detectable d ose (sensitivity) of 25.1 pg/mL. The kit is highly sensitive and easy to use.
Assay Principle	The ELISA analytical biochemical technique is based on obestatin antibody-obesta tin antigen interactions (immunosorbency) and an HRP colorimetric detection syst em to detect obestatin antigen targets in samples.
Background	Obestatin is a hormone secreted by cells in the stomach and small intestine that may regulate both hunger and satiety signals through a complex balancing system . Studying how obestatin interacts with other hormones, such as insulin and lept in, can help us gain a more comprehensive understanding of energy metabolism and analyze its role in obesity.
Synonyms	OB
Formula Weight	18,641 Da
Applications	Human obestatin ELISA kit-Quantitative competitive is used to quantify obestatin in serum, plasma, tissue homogenates, and cell lysates, cell culture supernatan ts, and other biological fluids of human, providing data to support research in a wide range of areas, including metabolic, endocrinology, obesity, *etc*.
Research Area	Metabolic; Endocrinology; Obesity

Specification

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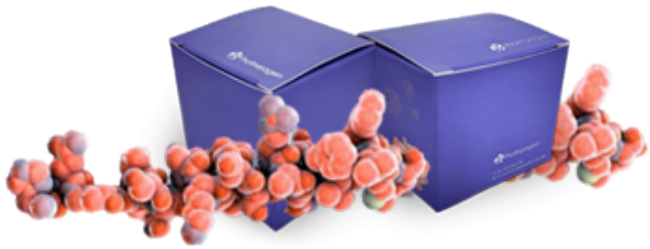

Sample Type	Serum; Plasma; Tissue homogenates; Cell lysates; Cell culture supernatants; Othe r biological fluids
Detection Range	61.7-5000 pg/mL
Sensitivity	25.1 pg/mL
Cross-reactivity	No significant cross-reactivity or interference was observed.
Stability	12 months
Storage	Store at -20°C (antibodies, standard, streptavidin-HRP), 4°C (TMB) and room temp erature (96-well plate).

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