



Human fibroblast growth factor 15 (FGF15) ELISA kit

Cat. No.:	OB0625WXX-876
Assay Type:	Quantitative sandwich ELISA
Target Species:	Human
Assay Target:	FGF15
Size:	48T; 96T

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

Product Overview

Description	Human fibroblast growth factor 15 (FGF15) ELISA kit is an ELISA-based <i>in vitro</i> research tool designed specifically for the quantitative detection of FGF15 in human with a range of 62.5-2000 pg/mL and a specificity of 10 pg/mL.
Assay Principle	The kit is based on FGF15 antibody-FGF15 antigen interaction (immunosorbent) and an HRP colorimetric detection system to detect FGF15 antigen targets in samples.
Background	FGF15 is an endocrine factor primarily produced in the ileum that acts on the liver to inhibit bile acid synthesis. It also stimulates glucose uptake in adipocytes.
Synonyms	FGF-15; Fgf15; FGF15; FGF19
Formula Weight	25,236 Da
Applications	Human fibroblast growth factor 15 (FGF15) ELISA kit is used to quantify FGF15 in body fluids, tissue homogenates, secretions, and feces of humans, providing data to support a wide range of studies.
Research Area	Lipid metabolism; Obesity research

Specification

Sample Type	Body fluids; Tissue homogenates; Secretions; Feces samples
Detection Range	62.5-2000 pg/mL
Sensitivity	10 pg/mL



Precision (Intra-assay)	CV<15%
Precision (Inter-assay)	CV<15%
Cross-reactivity	No significant cross-reactivity or interference was observed.
Storage	Store at 2-8°C.