



Human triglyceride lipase (TGL) ELISA kit-Quantitative sandwich

Cat. No.:	0126WXX-1892
Assay Type:	Quantitative sandwich ELISA
Target Species:	Human
Assay Target:	TGL
Size:	48T; 96T

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

Product Overview

Description	Human triglyceride lipase (TGL) ELISA kit-Quantitative sandwich is an ELISA-based <i>in vitro</i> research tool designed specifically for the quantitative detection of TGL in human samples. The kit is highly sensitive and easy to use.
Assay Principle	The ELISA analytical biochemical technique is based on TGL antibody-TGL antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect TGL antigen targets in samples.
Background	TGL participates in lipolysis. It occupies a central position in obesity research, with its dysregulation closely linked to obesity-related complications. TGL serves as a key regulatory target for studying fat mobilization efficiency, energy balance, and obesity-associated metabolic disorders.
Synonyms	Pancreatic triacylglycerol lipase; PNLIP; Pancreatic lipase; PL; PTL; PNLIPD
Formula Weight	51,157 Da
Applications	Human triglyceride lipase (TGL) ELISA kit-Quantitative sandwich is used to quantify TGL in human samples, providing data to support research in a wide range of areas, including lipid metabolism, obesity, and others.
Research Area	Lipid metabolism; Obesity

Specification

Sample Type	Human samples
Cross-reactivity	No significant cross-reactivity or interference was observed.



Storage

Store at 2-8°C.