



## Camel triglyceride lipase (TGL) ELISA kit

|                        |                    |
|------------------------|--------------------|
| <b>Cat. No.:</b>       | 0126WXX-1880       |
| <b>Assay Type:</b>     | Quantitative ELISA |
| <b>Target Species:</b> | Camel              |
| <b>Assay Target:</b>   | TGL                |
| <b>Size:</b>           | 48T; 96T           |

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

### Product Overview

|                        |                                                                                                                                                                                                                                                                                                        |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>     | Camel triglyceride lipase (TGL) ELISA kit is an ELISA-based <i>in vitro</i> research tool designed specifically for the quantitative detection of TGL in camel samples. The kit is highly sensitive and easy to use.                                                                                   |
| <b>Assay Principle</b> | 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.                                                                                                       |
| <b>Background</b>      | 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. |
| <b>Synonyms</b>        | Pancreatic triacylglycerol lipase; PNLIP; Pancreatic lipase; PL; PTL; PNLIPD                                                                                                                                                                                                                           |
| <b>Formula Weight</b>  | 51,157 Da                                                                                                                                                                                                                                                                                              |
| <b>Applications</b>    | Camel triglyceride lipase (TGL) ELISA kit is used to quantify TGL in camel samples, providing data to support research in a wide range of areas, including lipid metabolism, obesity, and others.                                                                                                      |
| <b>Research Area</b>   | Lipid metabolism; Obesity                                                                                                                                                                                                                                                                              |

### Specification

|                         |                                                               |
|-------------------------|---------------------------------------------------------------|
| <b>Sample Type</b>      | Camel samples                                                 |
| <b>Cross-reactivity</b> | No significant cross-reactivity or interference was observed. |



## Storage

Store at 2-8°C.