

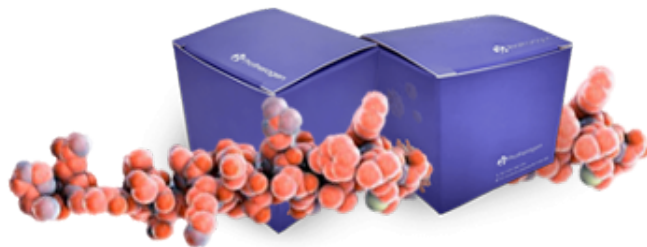
## Monkey tumor necrosis factor soluble receptor I (TNFSR-I) ELISA kit-Quantitative sandwich

|                        |                             |
|------------------------|-----------------------------|
| <b>Cat. No.:</b>       | 0126WXX-1945                |
| <b>Assay Type:</b>     | Quantitative sandwich ELISA |
| <b>Target Species:</b> | Monkey                      |
| <b>Assay Target:</b>   | TNFSR-I                     |
| <b>Size:</b>           | 48T; 96T                    |

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

### Product Overview

|                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>     | Monkey tumor necrosis factor soluble receptor I (TNFSR-I) ELISA kit-Quantitative sandwich is an ELISA-based <i>in vitro</i> research tool designed specifically for the quantitative detection of TNFSR-I in monkey samples. The kit is highly sensitive and easy to use.                                                                                                                                                                                                                                                                                                                       |
| <b>Assay Principle</b> | The ELISA analytical biochemical technique is based on TNFSR-I antibody-TNFSR-I antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect TNFSR-I antigen targets in samples.                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Background</b>      | TNFSR-I is the free form released into the bloodstream following proteolytic cleavage of the membrane-bound TNF-RI receptor. TNF-RI is generally recognized as the primary receptor mediating tumor necrosis factor (TNF- $\alpha$ ) signaling, playing a crucial role particularly in apoptosis, cytotoxicity, and inflammatory signaling pathways. TNFSR-I functions as a decoy receptor in the circulation, binding TNF- $\alpha$ to neutralize its activity and thereby modulate systemic inflammatory burden. It is associated with chronic inflammation, insulin resistance, and obesity. |
| <b>Synonyms</b>        | sTNF-RI; TNFRSF1A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Formula Weight</b>  | 48,291 Da                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Applications</b>    | Monkey tumor necrosis factor soluble receptor I (TNFSR-I) ELISA kit-Quantitative sandwich is used to quantify TNFSR-I in monkey samples, providing data to support research in a wide range of areas, including signal transduction, inflammation, obesity, and others.                                                                                                                                                                                                                                                                                                                         |

**Research Area**

Signal Transduction; Inflammation; Obesity

**Specification****Sample Type**

Monkey samples

**Cross-reactivity**

No significant cross-reactivity or interference was observed.

**Storage**

Store at 2-8°C.