

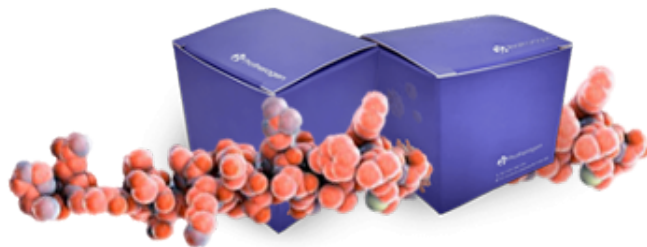
Camel tumor necrosis factor soluble receptor II (TNFSR-II) ELISA kit

Cat. No.:	0126WXX-1952
Assay Type:	Quantitative ELISA
Target Species:	Camel
Assay Target:	TNFSR-II
Size:	48T; 96T

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

Product Overview

Description	Camel tumor necrosis factor soluble receptor II (TNFSR-II) ELISA kit is an ELISA -based <i>in vitro</i> research tool designed specifically for the quantitative detection of TNFSR-II in camel samples. The kit is highly sensitive and easy to use.
Assay Principle	The ELISA analytical biochemical technique is based on TNFSR-II antibody-TNFSR-II antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect TNFSR-II antigen targets in samples.
Background	TNFSR-II is the free form released into the bloodstream following proteolytic cleavage of the membrane-bound TNF-RII receptor (TNFRSF1B). TNFSR-II primarily functions as a decoy receptor, capable of binding circulating tumor necrosis factor TNF- α to neutralize its activity and reduce its binding to membrane-bound receptors, thereby negatively regulating systemic inflammation. In obesity research, serum TNFSR-II concentration is a recognized and reliable biomarker of chronic low-grade inflammation and endothelial dysfunction. Elevated TNFSR-II levels are significantly associated with central obesity, insulin resistance, metabolic syndrome, and subsequent cardiovascular disease risk. Consequently, it is frequently used to assess inflammatory burden and disease progression in obese patients.
Synonyms	TNFSr-II; sTNFR2
Formula Weight	48,291 Da

**Applications**

Camel tumor necrosis factor soluble receptor II (TNFSR-II) ELISA kit is used to quantify TNFSR-II in camel samples, providing data to support research in a wide range of areas, including inflammation, metabolism, obesity, and others.

Research Area

Inflammation; Metabolism; Obesity

Specification**Sample Type**

Camel samples

Cross-reactivity

No significant cross-reactivity or interference was observed.

Storage

Store at 2-8°C.