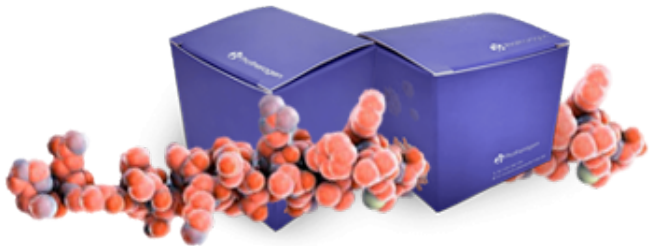
Protheragen
Obesity



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

Cat. No.:	0126WXX-1958
Assay Type:	Quantitative ELISA
Target Species:	Duck
Assay Target:	TNFSR-II
Size:	1 kit

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

Product Overview

Description	Duck tumor necrosis factor soluble receptor II (TNFSR-II) ELISA kit is an ELISA- based *in vitro* research tool designed specifically for the quantitative d etection of TNFSR-II in duck samples. The kit is highly sensitive and easy to us e.
Assay Principle	The ELISA analytical biochemical technique is based on TNFSR-II antibody-TNFSR-I I 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 cl eavage of the membrane-bound TNF-RII receptor (TNFRSF1B). TNFSR-II primarily fun ctions as a decoy receptor, capable of binding circulating tumor necrosis factor TNF-α to neutralize its activity and reduce its binding to membrane-bound recep tors, thereby negatively regulating systemic inflammation. In obesity research, serum TNFSR-II concentration is a recognized and reliable biomarker of chronic l ow-grade inflammation and endothelial dysfunction. Elevated TNFSR-II levels are significantly associated with central obesity, insulin resistance, metabolic syn drome, and subsequent cardiovascular disease risk. Consequently, it is frequentl y used to assess inflammatory burden and disease progression in obese patients.
Synonyms	TNFsr-II; sTNFR2
Formula Weight	48,291 Da

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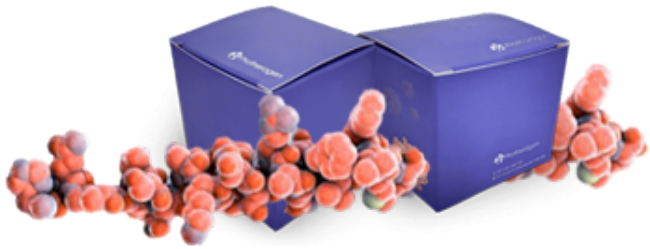

Applications	Duck tumor necrosis factor soluble receptor II (TNFSR-II) ELISA kit is used to q uantify TNFSR-II in duck samples, providing data to support research in a wide r ange of areas, including inflammation, metabolism, obesity, and others.
Research Area	Inflammation; Metabolism; Obesity

Specification

Sample Type	Duck samples
Cross-reactivity	No significant cross-reactivity or interference was observed.
Storage	Store at 2-8°C.

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