

Datasheet for ABIN625426  
**TNFRSF1A ELISA Kit**



[Go to Product page](#)

1 Image

1 Publication

## Overview

Quantity:	96 tests
Target:	TNFRSF1A
Reactivity:	Mouse
Method Type:	Sandwich ELISA
Detection Range:	1-300 pg/mL
Minimum Detection Limit:	1 pg/mL
Application:	ELISA

## Product Details

Purpose:	Mouse TNF RI (TNFRSF1A) ELISA Kit for cell culture supernatants, plasma, and serum samples.
Sample Type:	Cell Culture Supernatant, Plasma, Serum
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Specificity:	This ELISA antibody pair detects mouse sTNFRI. Other species not determined.
Sensitivity:	1 pg/mL
Characteristics:	<ul style="list-style-type: none"><li>• Strip plates and additional reagents allow for use in multiple experiments</li><li>• Quantitative protein detection</li><li>• Establishes normal range</li><li>• The best products for confirmation of antibody array data</li></ul>

## Product Details

---

Components:	<ul style="list-style-type: none"><li>• Pre-Coated 96-well Strip Microplate</li><li>• Wash Buffer</li><li>• Stop Solution</li><li>• Assay Diluent(s)</li><li>• Lyophilized Standard</li><li>• Biotinylated Detection Antibody</li><li>• Streptavidin-Conjugated HRP</li><li>• TMB One-Step Substrate</li></ul>
-------------	--

Material not included:	<ul style="list-style-type: none"><li>• Distilled or deionized water</li><li>• Precision pipettes to deliver 2 µL to 1 µL volumes</li><li>• Adjustable 1-25 µL pipettes for reagent preparation</li><li>• 100 µL and 1 liter graduated cylinders</li><li>• Tubes to prepare standard and sample dilutions</li><li>• Absorbent paper</li><li>• Microplate reader capable of measuring absorbance at 450nm</li><li>• Log-log graph paper or computer and software for ELISA data analysis</li></ul>
------------------------	---

## Target Details

---

Target:	TNFRSF1A
Alternative Name:	TNF RI ( <a href="#">TNFRSF1A Products</a> )
Background:	Gene Names: Tnfrsf1a Tnfr-1 Tnfr1 Protein names: Tumor necrosis factor receptor superfamily member 1A (Tumor necrosis factor receptor 1) (TNF-R1) (Tumor necrosis factor receptor type I) (TNF-RI) (TNFR-I) (p55) (p60) (CD antigen CD120a)
Gene ID:	21937
UniProt:	<a href="#">P25118</a>
Pathways:	<a href="#">NF-kappaB Signaling</a> , <a href="#">Apoptosis</a> , <a href="#">Caspase Cascade in Apoptosis</a> , <a href="#">Hepatitis C</a> , <a href="#">Ubiquitin Proteasome Pathway</a>

## Application Details

---

Application Notes:	Recommended Dilution for serum and plasma samples 5 - 50 fold
Sample Volume:	100 µL
Plate:	Pre-coated

## Application Details

---

Protocol:	<ol style="list-style-type: none"><li>1. Prepare all reagents, samples and standards as instructed in the manual.</li><li>2. Add 100 µL of standard or sample to each well.</li><li>3. Incubate 2.5 h at RT or O/N at 4 °C.</li><li>4. Add 100 µL of prepared biotin antibody to each well.</li><li>5. Incubate 1 h at RT.</li><li>6. Add 100 µL of prepared Streptavidin solution to each well.</li><li>7. Incubate 45 min at RT.</li><li>8. Add 100 µL of TMB One-Step Substrate Reagent to each well.</li><li>9. Incubate 30 min at RT.</li><li>10. Add 50 µL of Stop Solution to each well.</li><li>11. Read at 450 nm immediately.</li></ol>
-----------	---

---

Restrictions:	For Research Use only
---------------	-----------------------

## Handling

---

Storage:	-20 °C
----------	--------

---

Storage Comment:	The entire kit may be stored at -20°C for up to 1 year from the date of shipment. Avoid repeated freeze-thaw cycles. The kit may be stored at 4°C for up to 6 months. For extended storage, it is recommended to store at -80°C.
------------------	--

---

Expiry Date:	6 months
--------------	----------

## Publications

---

Product cited in:	Vergori, Lauret, Gaceb, Beauvillain, Andriantsitohaina, Martinez: "PPAR $\gamma$ regulates endothelial progenitor cell maturation and myeloid lineage differentiation through a NADPH oxidase-dependent mechanism in mice." in: <b>Stem cells (Dayton, Ohio)</b> , Vol. 33, Issue 4, pp. 1292-303, (2015) ( <a href="#">PubMed</a> ).
-------------------	---

ELISA

Image 1.

