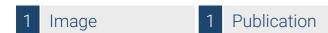


## Datasheet for ABIN625426

## **TNFRSF1A ELISA Kit**





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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> <li>Strip plates and additional reagents allow for use in multiple experiments</li> <li>Quantitative protein detection</li> </ul>	

· The best products for confirmation of antibody array data

• Establishes normal range

### **Product Details**

#### Components:

- · Pre-Coated 96-well Strip Microplate
- · Wash Buffer
- · Stop Solution
- · Assay Diluent(s)
- · Lyophilized Standard
- · Biotinylated Detection Antibody
- · Streptavidin-Conjugated HRP
- TMB One-Step Substrate

### Material not included:

- Distilled or deionized water
- Precision pipettes to deliver 2 µL to 1 µL volumes
- Adjustable 1-25 µL pipettes for reagent preparation
- 100 µL and 1 liter graduated cylinders
- Tubes to prepare standard and sample dilutions
- · Absorbent paper
- · Microplate reader capable of measuring absorbance at 450nm
- Log-log graph paper or computer and software for ELISA data analysis

### **Target Details**

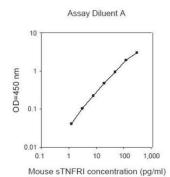
Target:	TNFRSF1A
Alternative Name:	TNF RI (TNFRSF1A Products)
Background:	Gene Names: Tnfrsf1a Tnfr-1 Tnfr1  Protein names: Tumor necrosis factor receptor superfamily member 1A (Tumor necrosis factor receptor 1) (TNF-R1) (Tumor necrosis factor receptor type I) (TNF-RI) (TNFR-I) (p55) (p60) (CD antigen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

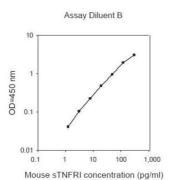
### **Application Details**

Application Notes:	Recommended Dilution for serum and plasma samples5 - 50 fold
Sample Volume:	100 μL
Plate:	Pre-coated

# **Application Details**

Protocol:	1. Prepare all reagents, samples and standards as instructed in the manual.  2. Add 100 µL of standard or sample to each well.
	2. Add 100 μL of standard of sample to each well.  3. Incubate 2.5 h at RT or O/N at 4 °C.
	<ul><li>4. Add 100 μL of prepared biotin antibody to each well.</li><li>5. Incubate 1 h at RT.</li></ul>
	6. Add 100 µL of prepared Streptavidin solution to each well.
	7. Incubate 45 min at RT.
	8. Add 100 µL of TMB One-Step Substrate Reagent to each well.
	9. Incubate 30 min at RT.
	10. Add 50 µL of Stop Solution to each well.
	11. Read at 450 nm immediately.
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? 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) (PubMed).





### **ELISA**

Image 1.