

Datasheet for ABIN2748700  
**TREM1 ELISA Kit**



[Go to Product page](#)

## Overview

Quantity: 96 tests

Target: TREM1

Reactivity: Rat

Method Type: Sandwich ELISA

Application: ELISA

## Product Details

Purpose: Custom Rat Triggering Receptor Expressed on Myeloid cells 1 (TREM1) ELISA Kit.

Sample Type: Cell Culture Supernatant, Cell Lysate, Plasma, Serum, Tissue Lysate

Analytical Method: Quantitative

Detection Method: Colorimetric

Specificity: The antibody pair provided in this kit recognizes Rat Triggering Receptor Expressed on Myeloid cells 1 (TREM1)

Characteristics:

- Strip plates and additional reagents allow for use in multiple experiments
- Quantitative protein detection
- Establishes normal range
- The best products for confirmation of antibody array data

Components:

- Pre-Coated 96-well Strip Microplate
- Wash Buffer
- Stop Solution
- Assay Diluent(s)
- Lyophilized Standard

Product Details

- 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:	TREM1
Alternative Name:	TREM-1 ( <a href="#">TREM1 Products</a> )
Background:	Triggering Receptor Expressed on Myeloid cells 1 (TREM1)
Gene ID:	301229
UniProt:	<a href="#">D4ABU7</a>

Application Details

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

Application Details

biotin antibody to each well.Incubate 1 h at RT.Add 100 µL of prepared Streptavidin solution to each well.Incubate 45 min at RT.Add 100 µL of TMB One-Step Substrate Reagent to each well.Incubate 30 min at RT.Add 50 µL of Stop Solution to each well.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