

Datasheet for ABIN4884887

TREM2 ELISA Kit**1** Image[Go to Product page](#)

Overview

Quantity: 96 tests

Target: TREM2

Reactivity: Human

Method Type: Sandwich ELISA

Detection Range: 28-7.000 pg/mL

Minimum Detection Limit: 28 pg/mL

Application: ELISA

Product Details

Purpose: Human TREM-2 ELISA Kit for Cell Culture Supernatants, Plasma, and Serum samples.

Sample Type: Plasma, Cell Culture Supernatant, Serum

Analytical Method: Quantitative

Detection Method: Colorimetric

Specificity: This ELISA antibody pair recognizes human TREM-2. Other species not yet determined.

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

Product Details

- 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: | TREM2 |
| Alternative Name: | TREM-2 (TREM2 Products) |
| Gene ID: | 54209 |
| UniProt: | Q9NZC2 |

Application Details

| | |
|--------------------|---|
| Application Notes: | Recommended Dilution for serum and plasma samples 2 fold |
| Sample Volume: | 100 µL |
| Plate: | Pre-coated |
| Protocol: | <ol style="list-style-type: none">1. Prepare all reagents, samples and standards as instructed in the manual.2. Add 100 µL of standard or sample to each well.3. Incubate 2.5 h at RT or O/N at 4 °C.4. Add 100 µL of prepared biotin antibody to each well.5. Incubate 1 h at RT.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. |

Application Details

Restrictions: For Research Use only

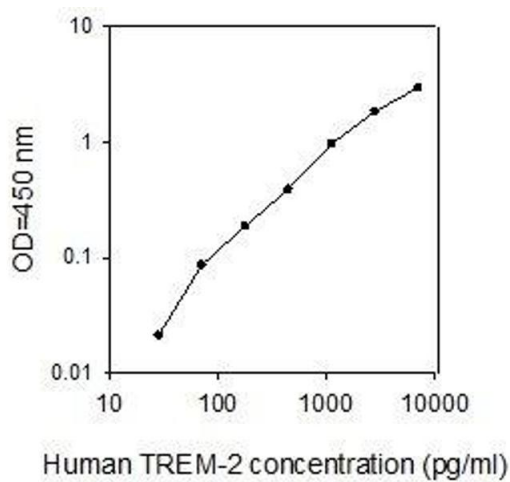
Handling

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

Images



ELISA

Image 1.