

Datasheet for ABIN4884063

**TNFSF4 ELISA Kit**[Go to Product page](#)**1** Image

## Overview

Quantity:	96 tests
Target:	TNFSF4
Reactivity:	Human
Method Type:	Sandwich ELISA
Detection Range:	61-15.000 pg/mL
Minimum Detection Limit:	61 pg/mL
Application:	ELISA

## Product Details

Purpose:	Human OX40 Ligand (TNFSF4) ELISA Kit for serum, plasma, and cell culture supernatant samples.
Sample Type:	Plasma, Cell Culture Supernatant, Serum
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Specificity:	Cross Reactivity: This ELISA kit shows no cross-reactivity with the following cytokines tested: human AMIGO, Aminopeptidase LRAP (ERAP2), Amnionless, Arylsulfatase A, Bcl-w, CD109, CD157, CD34, CD83, CLEC-1, CLEC10A (CD301), CMG-2, CREG, Cystatin SN, Cytokeratin-8, Dectin-1, Desmocollin-3, Endoglycan, Galectin-4, HAPLN1, Jagged 1, Langerin CD207), Lumican, Matriptase (ST14), MEP1B, Nectin-3, OX40 (TNFRSF4), p27, Pappalysin-2, Plexin B3, Plexin D1, proGRP, PSA-total, Reg1B, RGM-A, ROBO2, Spinesin, TWEAK R (TNFRSF12), ULBP-3.
Characteristics:	<ul style="list-style-type: none"><li>Strip plates and additional reagents allow for use in multiple experiments</li></ul>

## Product Details

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- 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
  - Biotinylated Detection Antibody
  - Streptavidin-Conjugated HRP
  - TMB One-Step Substrate

- Material not included:
- Distilled or deionized water
  - Precision pipettes to deliver 2  $\mu$ L to 1  $\mu$ L volumes
  - Adjustable 1-25  $\mu$ L pipettes for reagent preparation
  - 100  $\mu$ L 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

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Target: TNFSF4

Alternative Name: OX40 Ligand///TNFSF4 ([TNFSF4 Products](#))

Gene ID: 7292

UniProt: [P23510](#)

Pathways: [Cellular Response to Molecule of Bacterial Origin](#), [Regulation of Leukocyte Mediated Immunity](#), [Positive Regulation of Immune Effector Process](#), [Production of Molecular Mediator of Immune Response](#), [Activated T Cell Proliferation](#), [Cancer Immune Checkpoints](#)

## Application Details

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Application Notes: Recommended Dilution for serum and plasma samples 2 fold

Sample Volume: 100  $\mu$ L

Plate: Pre-coated

## Application Details

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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 <math>\mu</math>L of standard or sample to each well.</li><li>3. Incubate 2.5 h at RT or O/N at 4 <math>^{\circ}</math>C.</li><li>4. Add 100 <math>\mu</math>L of prepared biotin antibody to each well.</li><li>5. Incubate 1 h at RT.</li><li>6. Add 100 <math>\mu</math>L of prepared Streptavidin solution to each well.</li><li>7. Incubate 45 min at RT.</li><li>8. Add 100 <math>\mu</math>L of TMB One-Step Substrate Reagent to each well.</li><li>9. Incubate 30 min at RT.</li><li>10. Add 50 <math>\mu</math>L of Stop Solution to each well.</li><li>11. Read at 450 nm immediately.</li></ol>
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Restrictions: For Research Use only

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## Handling

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Storage: -20  $^{\circ}$ C

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

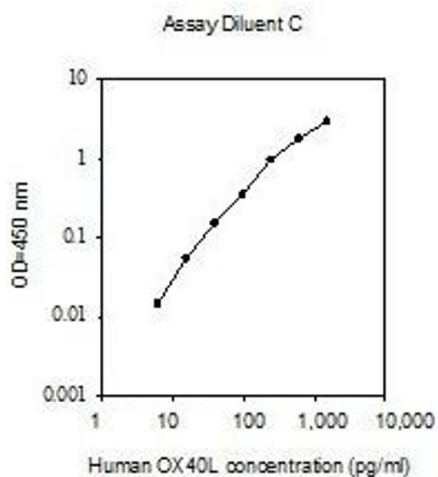
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Expiry Date: 6 months

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## Images

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**ELISA**

**Image 1.**