

Datasheet for ABIN6720322
TNFSF14 ELISA Kit

1 Image

[Go to Product page](#)

Overview

| | |
|--------------------------|-------------------------|
| Quantity: | 1 kit |
| Target: | TNFSF14 |
| Reactivity: | Human |
| Method Type: | Sandwich ELISA |
| Detection Range: | 31.2 pg/mL - 2000 pg/mL |
| Minimum Detection Limit: | 31.2 pg/mL |
| Application: | ELISA |

Product Details

| | |
|--------------------|--|
| Purpose: | Sandwich ELISA for Quantitative Detection of Antigen |
| Sample Type: | Cell Culture Supernatant, Plasma (EDTA - heparin), Saliva, Serum |
| Analytical Method: | Quantitative |
| Detection Method: | Colorimetric |
| Characteristics: | <p>Synonyms: CD258, Delta transmembrane LIGHT, Herpes virus entry mediator ligand, Herpesvirus entry mediator A, Herpesvirus entry mediator ligand, HVEM L, HVEM-L, HVEML, Ligand for herpesvirus entry mediator, LTg, TNF14_HUMAN, Tnfsf14, Tumor necrosis factor (ligand) superfamily member 14, Tumor necrosis factor ligand superfamily member 14, Tumor necrosis factor receptor like 2, Tumor necrosis factor superfamily member LIGHT</p> <p>Background: Tumor necrosis factor ligand superfamily member 14 is a protein that in humans is encoded by the TNFSF14 gene. TNFSF14 has also been designated as CD258, as well as LIGHT. It was mapped on chromosome 19p13.3. The protein encoded by this gene is a</p> |

Product Details

member of the tumor necrosis factor(TNF) ligand family. This protein may function as a costimulatory factor for the activation of lymphoid cells and as a deterrent to infection by herpesvirus. This protein has been shown to stimulate the proliferation of T cells, and trigger apoptosis of various tumor cells. This protein is also reported to prevent tumor necrosis factor alpha mediated apoptosis in primary hepatocyte. Two alternatively spliced transcript variant encoding distinct isoforms have been reported.

Gene Name: TNFSF14

Production: Natural and recombinant human TNFSF14. There is no detectable cross-reactivity with other relevant proteins.

Standard: Expression system for standard: NSO, Immunogen sequence: D74-V240

Target Details

| | |
|-------------------|--|
| Target: | TNFSF14 |
| Alternative Name: | TNFSF14 - LIGHT (TNFSF14 Products) |
| Gene ID: | 8740 |
| NCBI Accession: | NP_003798 |
| UniProt: | O43557 |
| Pathways: | Cancer Immune Checkpoints |

Application Details

| | |
|--------------------|---|
| Application Notes: | <p>Application Note: Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1 mL per well of the 2000pg/mL, 1000pg/mL, 500pg/mL, 250pg/mL, 125pg/mL, 62.5pg/mL, 31.2pg/mL human TNFSF14 standard solutions into the precoated 96-well plate. Add 0.1 mL of the sample diluent buffer into the control well (Zero well). Add 0.1 mL of each properly diluted sample of human cell culture supernates, serum, plasma(heparin, EDTA) or saliva to each empty well. It is recommended that each human TNFSF14 standard solution and each sample be measured in duplicate.</p> <p>Blood Product Anticoagulant: Heparin Sodium</p> <p>ELISA Dilution: 31.2pg/mL-2000pg/mL</p> |
| Sample Volume: | 100 µL |
| Plate: | Pre-coated |
| Restrictions: | For Research Use only |

Handling

| | |
|------------------|---|
| Storage: | RT,4 °C,-20 °C |
| Storage Comment: | Store vials at 4°C prior to opening. Centrifuge product if not completely clear after standing at room temperature. This product is stable for 6 months at 4°C as an undiluted liquid. Dilute only prior to immediate use. For extended storage freeze at -20°C or below for 12 months. Avoid cycles of freezing and thawing. |

Images

