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Datasheet for ABIN6720213

BAFF ELISA Kit

1 Image

Overview

| | |
|--------------------------|-------------------------|
| Quantity: | 1 kit |
| Target: | BAFF (TNFSF13B) |
| Reactivity: | Human |
| Method Type: | Sandwich ELISA |
| Detection Range: | 62.5 pg/mL - 4000 pg/mL |
| Minimum Detection Limit: | 62.5 pg/mL |
| Application: | ELISA |

Product Details

| | |
|--------------------|---|
| Purpose: | Sandwich ELISA for Quantitative Detection of Antigen |
| Sample Type: | Cell Culture Supernatant, Plasma (EDTA - heparin), Serum |
| Analytical Method: | Quantitative |
| Detection Method: | Colorimetric |
| Characteristics: | <p>Synonyms: B lymphocyte stimulator, B-cell-activating factor, BAFF, BLyS, CD257, Dendritic cell-derived TNF-like molecule, soluble form, TALL-1, TN13B_HUMAN, TNF- and APOL-related leukocyte expressed ligand 1, TNFSF13B, Tumor necrosis factor ligand superfamily member 13b</p> <p>Background: BAFF was regularly detected by enzyme-linked immunosorbent assay in brain tissue lysates and in normal spinal fluid, and in astrocytes by double fluorescence microscopy. BAFF was localized in astrocytes close to BAFF-R-expressing immune cells. BAFF receptors were strongly expressed in situ in primary central nervous system(CNS) lymphomas.¹ The TNF</p> |

Product Details

superfamily member B cell-activating factor(BAFF) plays an important role in humoral immunity and in autoimmune diseases, including RA. Local BAFF gene targeting inhibited proinflammatory cytokine expression, suppressed generation of plasma cells and Th17 cells, and markedly ameliorated joint pathology.² The B cell activating factor BAFF(BlyS/TALL-1/zTNF4) is a tumor necrosis factor(TNF)-related ligand that promotes B cell survival and binds to three receptors(BCMA, TACI, and the recently described BAFF-R).³ Human BAFF was mapped to chromosome 13q32-34.⁴ The standard used in this kit is recombinant soluble human BAFF(A134-L295) with the molecular mass of 19.6kDa.

Gene Name: TNFSF13B

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

Standard: Expression system for standard: NSO, Immunogen sequence: A134-L285

Target Details

Target: BAFF (TNFSF13B)

Alternative Name: BAFF ([TNFSF13B Products](#))

Gene ID: 10673

NCBI Accession: [NP_001139117](#)

UniProt: [Q9Y275](#)

Pathways: [NF-kappaB Signaling](#), [Production of Molecular Mediator of Immune Response](#)

Application Details

Application Notes: Application Note: Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1 mL per well of the 4000pg/mL, 2000pg/mL, 1000pg/mL, 500pg/mL, 250pg/mL, 125pg/mL, 62.5pg/mL human BAFF 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 or plasma(heparin, EDTA) to each empty well. It is recommended that each human BAFF standard solution and each sample be measured in duplicate.

Blood Product Anticoagulant: Heparin Sodium

ELISA Dilution: 62.5pg/mL-4000pg/mL

Other Performance Data: DOE: 2-8° C - 04/19/19 -20° C - 10/18/19

Sample Volume: 100 µL

Application Details

Plate: Pre-coated

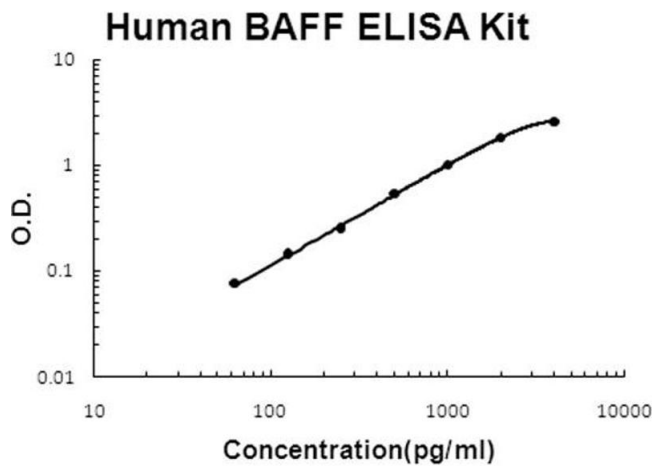
Restrictions: For Research Use only

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



ELISA

Image 1. Human BAFF Accusignal ELISA Kit Human BAFF AccuSignal ELISA Kit standard curve. Assay Range: 62.5pg/ml-4000pg/ml. Sensitivity: <2pg/ml.