

Human CD30/TNFRSF8 ELISA Kit | CD30/TNFRSF8 elisa kit

Human CD30/TNFRSF8 ELISA Kit

CATALOG #
AAA258387

REACTIVITY
Human

PRODUCT SYNONYMS

CD30/TNFRSF8; Human CD30/TNFRSF8 ELISA Kit; CD30/TNFRSF8 ELISA Kit; Human; tumor necrosis factor receptor superfamily; member 8; CD30 ELISA Kit; D1S166E ELISA Kit; Ki-1 ELISA Kit; CD30/TNFRSF8 elisa kit

PRODUCT SPECIFICATIONS

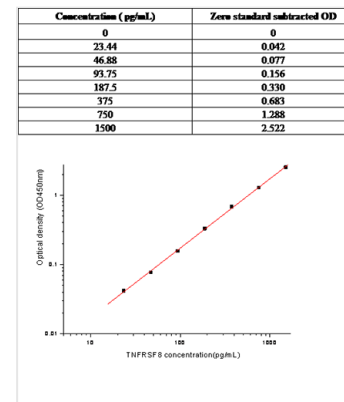
Reactivity	Human
Specificity	For the quantitative determination of Human CD30/TNFRSF8 concentration in cell lysate.
Assay Type	Solid Phase Sandwich ELISA (quantitative)
Sample Types	Lysate
Detection Range	23.44-1500pg/mL
Sensitivity	11.8pg/mL
Conjugation	HRP
Interference	Preparations of TNFSF8 and BCL6 at 15ng/mL in a mid-range recombinant human CHL1 control were assayed for interference. No significant interference was observed.
Materials Provided	1. 96 well microplate coated with Capture Antibody 2. Detection Antibody conjugated to HRP 3. Standards 4. Wash Buffer Concentrate 5. Dilution Buffer Concentrate 6. Color Reagent A 7. Color Reagent B 8. Stop Solution

IMAGES

Recombinant human			
IL-1	IL-2	IL-33	IL-10
IL-8	TNF- α	IL-4	IL-6
IFN- γ	MIP-1 β	TIMP-1	TIMP-2
GM-CSF	SCF	PDGF	VEGF
CD95L	TNFSF13B	TNFSF14	TNFSF14
BDAR	TNFSF12A	TNFSF19L	CD40L
TNFSF8	BCL6	TNFSF10B	TNFSF6B
BDAR	TNFSF11A	LTBR	TNFSF11
TNFSF1B	TNFSF1A	CD27	TNFSF21
TNFSF9	TNFSF18	TNFSF19	TNFSF13B
TNFSF11B	TNFSF17		

Application Data

This assay recognizes both recombinant and natural Human TNFRSF8. The factors listed below were prepared at 50ng/mL in dilution buffer and assayed for cross-reactivity. No cross-reactivity was observed.



Standard Curve (Sample)

This standard curve is only for demonstration purposes. A standard curve should be generated for each assay.

ADDITIONAL INFORMATION

Related Product Information for CD30/TNFRSF8 elisa kit	This CD30/TNFRSF8 ELISA Kit, Human is an enzyme-linked immunosorbent assay for the quantitative measurement of Human CD30/TNFRSF8 protein in Lysate. It contains recombinant Human CD30/TNFRSF8, and antibodies raised against the recombinant protein. This ELISA kit is complete and ready-to-use. Background: CD30, also known as TNFRSF8, is a cell membrane protein of the tumor necrosis factor receptor (TNFR) superfamily. CD30 protein is expressed by activated, but not resting, T and B cells. CD30 can regulate proliferation of lymphocytes and may also play an important role in human immunodeficiency virus replication. As a regulator of apoptosis, CD30 protein induces cell death or proliferation, depending on the cell type, and has been shown to limit the proliferative potential of autoreactive CD8 effector T cells and protect the body against autoimmunity. CD30 protein expression is upregulated in various hematological malignancies, including Reed-Sternberg cells in Hodgkin's disease (HD), anaplastic large cell lymphoma (ALCL) and subsets of Non-Hodgkin's lymphomas (NHLs), and CD30 is also linked to leukocytes in patients with chronic inflammatory diseases, including lupus erythematosus, asthma, rheumatoid arthritis and atopic dermatitis (AD).
References	Rossi FM, et al. (2001) CD30L up-regulates CD30 and IL-4 expression by T cells. FEBS Lett. 508(3): 418-22. Trovato M, et al. (2001) Expression of CD30 ligand and CD30 receptor in normal thyroid and benign and malignant thyroid nodules. Thyroid. 11(7): 621-8. Ekstrom ES, et al. (2001) Presence of CD30(+) and CD30L(+) cells in human placenta and soluble CD30 levels in cord blood are independent of maternal atopy. Placenta. 22(4): 372-9. Tang C, et al. (2008) A novel role of CD30L/CD30 signaling by T-T cell interaction in Th1 response against mycobacterial infection. J Immunol. 181(9): 6316-27. Sun X, et al. (2008) A critical role of CD30 ligand/CD30 in controlling inflammatory bowel diseases in mice. Gastroenterology. 134(2): 447-58. Oflazoglu E, et al. (2009) Targeting CD30/CD30L in Oncology and Autoimmune and Inflammatory Diseases.Adv Exp Med Biol. 647: 174-85.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.