

Human CD30 ELISA Kit | TNFRSF8 elisa kit

Human CD30 ELISA Kit

CATALOG #
AAA263093

REACTIVITY
Human

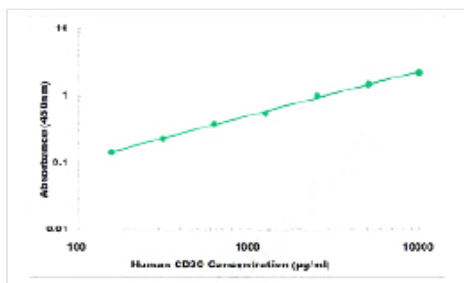
PRODUCT SYNONYMS

CD30; Human CD30 ELISA Kit; D1S166E; Tumor necrosis factor receptor superfamily member 8; CD30L receptor; Ki-1 antigen; Lymphocyte activation antigen CD30; TNFRSF8 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	The Human CD30 ELISA Kit allows for the detection and quantification of endogenous levels of natural and/or recombinant Human CD30 proteins within the range of 156 pg/ml - 10000 pg/ml.
Sequence Length	595
Samples	Cell Culture Supernates, Serum, Plasma
Sensitivity	<10 pg/ml
Preparation and Storage	Shipped and store at 4 degree C for 6 months, store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TNFRSF8 elisa kit

Principle of the Assay: The Human CD30 ELISA (Enzyme-Linked Immunosorbent Assay) kit is an in vitro enzyme-linked immunosorbent assay for the quantitative measurement of Human CD30 in Cell Culture Supernates, Serum, Plasma. This assay employs an antibody specific for Human CD30 coated on a 96-well plate. Standards and samples are pipetted into the wells and CD30 present in a sample is bound to the wells by the immobilized antibody. The wells are washed and biotinylated anti-Human CD30 antibody is added. After washing away unbound biotinylated antibody, HRP-conjugated streptavidin is pipetted to the wells. The wells are again washed, a TMB substrate solution is added to the wells and color develops in proportion to the amount of CD30 bound. The Stop Solution changes the color from blue to yellow, and the intensity of the color is measured at 450 nm.

Background: CD30, also known as TNFRSF8, is a cell membrane protein of the tumor necrosis factor receptor family and tumor marker. This receptor is a positive regulator of apoptosis, and also has been shown to limit the proliferative potential of autoreactive CD8 effector T cells and protect the body against autoimmunity. This gene is mapped to 1p36.22. CD30 is expressed in embryonal carcinoma but not in seminoma and is thus a useful marker in distinguishing between these germ cell tumors. CD30 mast cell activation represents an IgE-independent activation pathway, which is important for understanding cutaneous inflammation associated with mast cells. In addition to those, CD30 is also associated with anaplastic large cell lymphoma.

NCBI AND UNIPROT INFORMATION

NCBI GI #	597709795
NCBI GeneID	943
NCBI Accession #	NP_001234.3
NCBI GenBank Nucleotide #	NM_001243.4
UniProt Accession #	P28908; Q6P4D9; B1AN79; B9EGD9; D3YTD8
Molecular Weight	50,935 Da
NCBI Official Full Name	tumor necrosis factor receptor superfamily member 8 isoform 1
NCBI Official Synonym Full Names	TNF receptor superfamily member 8
NCBI Official Symbol	TNFRSF8
NCBI Official Synonym Symbols	CD30; Ki-1; D1S166E
NCBI Protein Information	tumor necrosis factor receptor superfamily member 8
UniProt Protein Name	Tumor necrosis factor receptor superfamily member 8
UniProt Gene Name	TNFRSF8
UniProt Synonym Gene Names	CD30; D1S166E
UniProt Entry Name	TNR8_HUMAN

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.

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Online datasheet: <https://www.aaabiotech.com/tnfrsf8-human-elisa-kits/cd30/263093>