

Human Cluster Of Differentiation 30 (CD30) ELISA Kit | CD30 elisa kit

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CATALOG #
AAA330431

REACTIVITY
Human

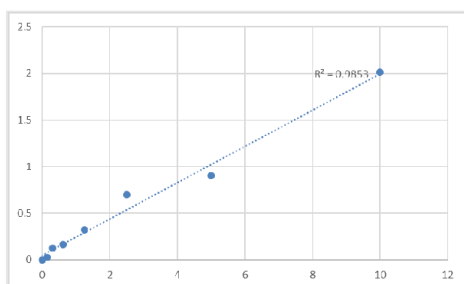
PRODUCT SYNONYMS

Cluster Of Differentiation 30 (CD30); Human Cluster Of Differentiation 30 (CD30) ELISA Kit; TNFRSF8; CD30; D1S166E; Ki-1; CD30 antigen; CD30L receptor; Ki-1 antigen; cytokine receptor CD30; lymphocyte activation antigen CD30; CD30 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Cluster of differentiation 30 (CD30) ELISA Kit has high sensitivity and excellent specificity for detection of Human TNFRSF8. No significant cross-reactivity or interference between Human TNFRSF8 and analogues was observed.
Sequence Length	595
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Cluster of differentiation 30 (CD30) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for CD30 elisa kit	Description: This Human Cluster of differentiation 30 (CD30) ELISA Kit employs a two-site sandwich ELISA to quantitate TNFRSF8 in samples. An antibody specific for TNFRSF8 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TNFRSF8 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TNFRSF8 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of TNFRSF8 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: This protein is a member of the TNF-receptor superfamily. This receptor is expressed by activated, but not by resting, T and B cells. TRAF2 and TRAF5 can interact with this receptor, and mediate the signal transduction that leads to the activation of NF-kappaB. 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. Two alternatively spliced transcript variants of this gene encoding distinct isoforms have been reported.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	597709795
NCBI GeneID	943
NCBI Accession #	NP_001234.3
NCBI GenBank Nucleotide #	NP_001234.3
UniProt Accession #	P28908
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.