

Human NKG2D Ligand 2 (ULBP2) ELISA Kit | ULBP2 elisa kit

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CATALOG #
AAA330314

REACTIVITY
Human

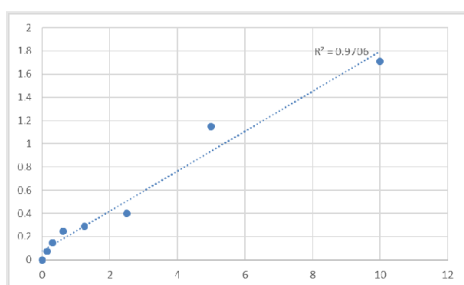
PRODUCT SYNONYMS

NKG2D Ligand 2 (ULBP2); Human NKG2D Ligand 2 (ULBP2) ELISA Kit; N2DL2; RAET1H; ALCAN-alpha; NKG2D ligand 2; UL16-binding protein 2; retinoic acid early transcript 1 H; ULBP2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human NKG2D ligand 2 (ULBP2) ELISA Kit has high sensitivity and excellent specificity for detection of Human ULBP2. No significant cross-reactivity or interference between Human ULBP2 and analogues was observed.
Sequence Length	246
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 NKG2D ligand 2 (ULBP2) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for ULBP2 elisa kit	Description: This Human NKG2D ligand 2 (ULBP2) ELISA Kit employs a two-site sandwich ELISA to quantitate ULBP2 in samples. An antibody specific for ULBP2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any ULBP2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for ULBP2 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 ULBP2 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Human cytomegalovirus (CMV) frequently infects young people and persists for the lifetime of the individual in a latent state, due in part to downregulation of major histocompatibility (MHC) class I expression and evasion of T cell-mediated immunity, with occasional asymptomatic episodes of viral shedding. Instead of a transmembrane domain, ULBP3 has a putative glycosylphosphatidylinositol (GPI) linkage to the membrane. Enzymatic analysis confirmed that the ULBPs are indeed GPI-linked at the cell surface. RT-PCR analysis detected ULBP expression in T, B, and erythroleukemia cell lines and in a wide range of tissues. Expression was upregulated in colon and stomach tumors and downregulated in kidney tumors. FACS analysis demonstrated that protein expression generally correlated with message expression.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	37182452
NCBI GeneID	80328
UniProt Accession #	Q9BZM5
NCBI Official Full Name	ULBP2
NCBI Official Synonym Full Names	UL16 binding protein 2
NCBI Official Symbol	ULBP2
NCBI Official Synonym Symbols	N2DL2; RAET1H; RAET1L; NKG2DL2; ALCAN-alpha
NCBI Protein Information	UL16-binding protein 2
UniProt Protein Name	NKG2D ligand 2
UniProt Gene Name	ULBP2
UniProt Synonym Gene Names	N2DL2; RAET1H; N2DL-2; NKG2DL2
UniProt Entry Name	N2DL2_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.