

Human NKG2D Ligand 4 (RAET1E) ELISA Kit | RAET1E elisa kit

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CATALOG #
AAA331166

REACTIVITY
Human

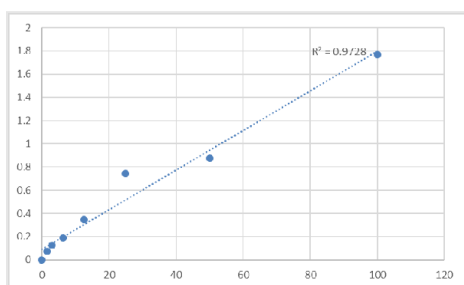
PRODUCT SYNONYMS

NKG2D Ligand 4 (RAET1E); Human NKG2D Ligand 4 (RAET1E) ELISA Kit; LETAL; MGC125308; MGC125309; RAET1E2; ULBP4; bA350J20.7; lymphocyte effector toxicity activation ligand; RAET1E elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human NKG2D ligand 4 (RAET1E) ELISA Kit has high sensitivity and excellent specificity for detection of Human RAET1E. No significant cross-reactivity or interference between Human RAET1E and analogues was observed.
Sequence Length	227
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 4 (RAET1E) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for RAET1E elisa kit	Description: This Human NKG2D ligand 4 (RAET1E) ELISA Kit employs a two-site sandwich ELISA to quantitate RAET1E in samples. An antibody specific for RAET1E has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any RAET1E present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for RAET1E 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 RAET1E bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Members of the RAET1 family, such as RAET1E, are major histocompatibility complex (MHC) class I-related genes located within a 180-kb cluster on chromosome 6q24.2-q25.3. RAET1 proteins contain MHC class I-like alpha-1 and alpha-2 domains. RAET1E and RAET1G differ from the other RAET1 proteins in that they have type I membrane-spanning sequences at their C termini rather than glycosylphosphatidylinositol anchor sequences. The deduced 263-amino acid protein contains alpha-1 and alpha-2 domains, a transmembrane domain, and a short cytoplasmic tail. Real-time RT-PCR detected highest expression in skin, with much lower expression in trachea and trace levels in other tissues.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	343183381
NCBI GeneID	135250
NCBI Accession #	NP_001230254.1
NCBI GenBank Nucleotide #	NP_001230254.1
UniProt Accession #	Q8TD07
NCBI Official Full Name	retinoic acid early transcript 1E isoform 2
NCBI Official Synonym Full Names	retinoic acid early transcript 1E
NCBI Official Symbol	RAET1E
NCBI Official Synonym Symbols	RL-4; LETAL; ULBP4; N2DL-4; NKG2DL4; RAET1E2; bA350J20.7
NCBI Protein Information	retinoic acid early transcript 1E
UniProt Protein Name	NKG2D ligand 4
UniProt Gene Name	RAET1E
UniProt Synonym Gene Names	LETAL; N2DL4; ULBP4; N2DL-4; NKG2DL4; RL-4
UniProt Entry Name	N2DL4_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://stage.aaabiotech.com/human-elisa-kits/nkg2d-ligand-4-raet1e/331166>