

Human ULBP1 (UL16-binding protein 1) ELISA Kit | ULBP1 elisa kit

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CATALOG #
AAA249618

REACTIVITY
Human

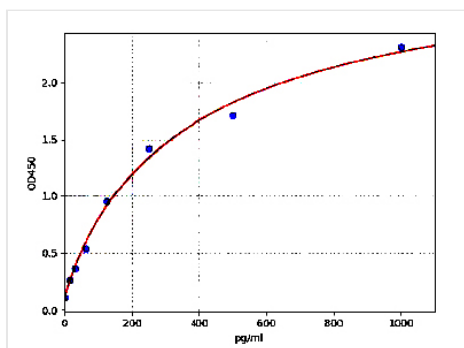
PRODUCT SYNONYMS

ULBP1 (UL16-binding protein 1); Human ULBP1 (UL16-binding protein 1) ELISA Kit; UL16-binding protein 1; ALCAN-beta; NKG2D ligand 1; N2DL-1; NKG2DL1; Retinoic acid early transcript 1l; N2DL1; RAET1l; ULBP1; ULBP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of ULBP1. No significant cross-reactivity or interference between ULBP1 and analogues was observed.
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	15.625-1000pg/ml
Sensitivity	9.375pg/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ULBP1 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96-well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	952556270
NCBI GeneID	80329
NCBI Accession #	NP_001304018.1
NCBI GenBank Nucleotide #	NM_001317089.1
UniProt Accession #	Q9BZM6; Q5VY81; Q8IZW3; Q8IZX6
Molecular Weight	27,997 Da
NCBI Official Full Name	NKG2D ligand 1 isoform 2
NCBI Official Synonym Full Names	UL16 binding protein 1
NCBI Official Symbol	ULBP1
NCBI Official Synonym Symbols	N2DL-1; RAET1I; NKG2DL1
NCBI Protein Information	NKG2D ligand 1
UniProt Protein Name	NKG2D ligand 1
UniProt Gene Name	ULBP1
UniProt Synonym Gene Names	N2DL1; RAET1I; N2DL-1; NKG2DL1

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.