

Human ULBP3 ELISA Kit | ULBP3 elisa kit

Human ULBP3 PicoKine ELISA Kit

CATALOG #
AAA125176

REACTIVITY
Human

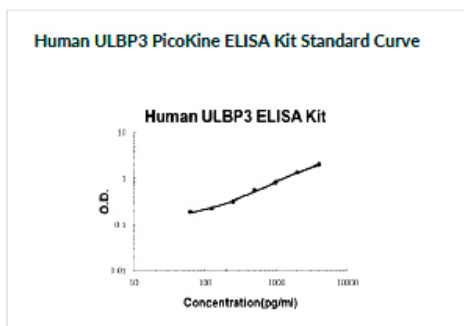
PRODUCT SYNONYMS

ULBP3; Human ULBP3 PicoKine ELISA Kit; Human ULBP3; UL16 binding protein 3; UL16-binding protein 3; ALCAN-gamma; NKG2D ligand 3; N2DL-3; NKG2DL3; Retinoic acid early transcript 1N; N2DL3; RAET1N; ULBP3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Natural and recombinant Human ULBP3
Sequence Length	244
Samples	Cell culture supernates, serum and plasma (heparin, EDTA)
Detection Range	62.5pg/ml-4000pg/ml
Sensitivity	<50pg/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay): Three samples of known concentration were tested on one plate to assess intra-assay precision.
Inter-assay Precision	Inter-Assay Precision (Precision across assays):Three samples of known concentration were tested in separate assays to assess inter-assay precision.
Preparation and Storage	Store at 4 degree C for 6 months. Store at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ULBP3 elisa kit	Principle of the Assay: The Picokine™ Human ULBP3 Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid phase immunoassay specially designed to measure Human ULBP3 with a 96-well strip plate that is pre-coated with antibody specific for ULBP3. The detection antibody is a biotinylated antibody specific for ULBP3. The capture antibody is a monoclonal antibody from mouse, the detection antibody is a biotinylated polyclonal antibody from goat. The kit contains recombinant Human ULBP3 with immunogen: Expression system for standard: NSO, Immunogen sequence: D30-G217. The kit is analytically validated with ready to use reagents. To measure Human ULBP3, add standards and samples to the wells, then add the biotinylated detection antibody. Wash the wells with PBS or TBS buffer, and add Avidin-Biotin-Peroxidase Complex (ABC-HRP). Wash away the unbounded ABC-HRP with PBS or TBS buffer and add TMB. TMB is substrate to HRP and will be catalyzed to produce a blue color product, which changes into yellow after adding acidic stop solution. The density of the yellow product is linearly proportional to Human ULBP3 in the sample. Read the density of the yellow product in each well using a plate reader, and benchmark the sample wells' readings against the standard curve to determine the concentration of Human ULBP3 in the sample.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	13375656
NCBI GeneID	79465
NCBI Accession #	NP_078794.1
NCBI GenBank Nucleotide #	NP_078794.1
UniProt Accession #	Q9BZM4
NCBI Official Full Name	UL16-binding protein 3
NCBI Official Synonym Full Names	UL16 binding protein 3
NCBI Official Symbol	ULBP3
NCBI Official Synonym Symbols	N2DL-3; RAET1N; NKG2DL3
NCBI Protein Information	UL16-binding protein 3
UniProt Protein Name	NKG2D ligand 3
UniProt Gene Name	ULBP3
UniProt Synonym Gene Names	N2DL3; RAET1N; N2DL-3; NKG2DL3
UniProt Entry Name	N2DL3_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.