

Human UL16 Binding Brotein 2 (ULBP2) ELISA Kit | ULBP2 elisa kit

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CATALOG #
AAA187766

REACTIVITY
Human

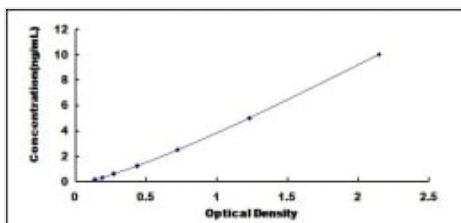
PRODUCT SYNONYMS

UL16 Binding Brotein 2 (ULBP2); Human UL16 Binding Brotein 2 (ULBP2) ELISA Kit; N2DL2; RAET1H; NKG2D Ligand 2; Retinoic acid early transcript 1H; NKG2D ligand 2; ULBP2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of UL16 Binding Brotein 2 (ULBP2). No significant cross-reactivity or interference between UL16 Binding Brotein 2 (ULBP2) and analogues was observed.
Sequence Length	246
Assay Type	Double-antibody Sandwich
Samples	Serum, Plasma, Tissue Homogenates and Other Biological Fluids
Detection Range	0.156-10ng/mL
Sensitivity	< 0.055ng/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level UL16 Binding Brotein 2 (ULBP2) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level UL16 Binding Brotein 2 (ULBP2) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ULBP2 elisa kit	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to UL16 Binding Brotein 2 (ULBP2). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to UL16 Binding Brotein 2 (ULBP2). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain UL16 Binding Brotein 2 (ULBP2), biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of UL16 Binding Brotein 2 (ULBP2) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	119568163
NCBI GeneID	80328
UniProt Accession #	Q9BZM5; Q5VUN4
Molecular Weight	27,368 Da
NCBI Official Full Name	UL16 binding protein 2, isoform CRA_b
NCBI Official Synonym Full Names	UL16 binding protein 2
NCBI Official Symbol	ULBP2
NCBI Official Synonym Symbols	N2DL2; RAET1H; NKG2DL2; ALCAN-alpha
NCBI Protein Information	UL16-binding protein 2; NKG2D ligand 2
UniProt Protein Name	UL16-binding protein 2
UniProt Gene Name	ULBP2
UniProt Synonym Gene Names	N2DL2; RAET1H; N2DL-2; NKG2DL2

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/ul16-binding-brotein-2-ulbp2/187766>