

Canine UL16 Binding protein 2 ELISA Kit | ULBP2 elisa kit

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CATALOG #
AAA88121

REACTIVITY
Canine

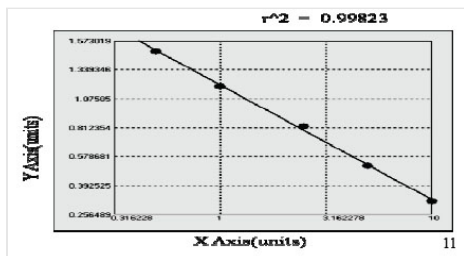
PRODUCT SYNONYMS

UL16 Binding protein 2; Canine UL16 Binding protein 2 ELISA Kit; ULBP2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This ULBP2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine ULBP2. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ULBP2 elisa kit

Principle of the assay: ULBP2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-ULBP2 antibody and an ULBP2-HRP conjugate. The assay sample and buffer are incubated together with ULBP2-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the ULBP2 concentration since ULBP2 from samples and ULBP2-HRP conjugate compete for the anti-ULBP2 antibody binding site. Since the number of sites is limited, as more sites are occupied by ULBP2 from the sample, fewer sites are left to bind ULBP2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ULBP2 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for ULBP2 elisa kit

Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	21961213
NCBI GeneID	80328
Molecular Weight	27,368 Da
NCBI Official Full Name	UL16 binding protein 2
NCBI Official Synonym Full Names	UL16 binding protein 2
NCBI Official Symbol	ULBP2
NCBI Official Synonym Symbols	N2DL2; RAET1H
NCBI Protein Information	NKG2D ligand 2; N2DL-2; NKG2DL2; ALCAN-alpha; UL16-binding protein 2; retinoic acid early transcript 1H; retinoic acid early transcript 1 H
UniProt Protein Name	NKG2D ligand 2
UniProt Gene Name	ULBP2
UniProt Synonym Gene Names	N2DL2; RAET1H; UNQ463/PRO791; 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.

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Online datasheet: <https://stage.aaabiotech.com/ulbp2-canine-elisa-kits/ul16-binding-protein-2/88121>