

Sheep UL16 Binding protein 2 ELISA Kit | ULBP2 elisa kit

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CATALOG #
AAA89575

REACTIVITY
Sheep

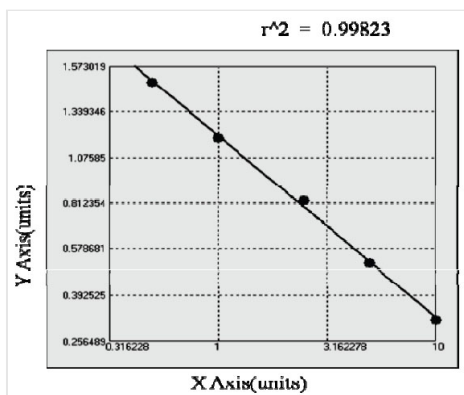
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	2.5-50ng/mL
Sensitivity	1.0ng/mL
Intended Uses	This ULBP2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep 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.

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.