

Guinea Pig UL16 Binding protein 3 ELISA Kit | ULBP3 elisa kit

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CATALOG #
AAA97016

REACTIVITY
Guinea Pig

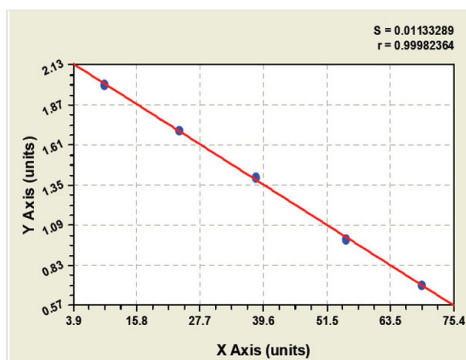
PRODUCT SYNONYMS

UL16 Binding protein 3; Guinea pig UL16 Binding protein 3 ELISA Kit; ULBP3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Guinea Pig
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ULBP3 elisa kit

Intended Uses: This ULBP3 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Guinea pig ULBP3. This ELISA kit for research use only!

Principle of the Assay: ULBP3 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-ULBP3 antibody and an ULBP3-HRP conjugate. The assay sample and buffer are incubated together with ULBP3-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 ULBP3 concentration since ULBP3 from samples and ULBP3-HRP conjugate compete for the anti-ULBP3 antibody binding site. Since the number of sites is limited, as more sites are occupied by ULBP3 from the sample, fewer sites are left to bind ULBP3-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ULBP3 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	119568157
NCBI GeneID	79465
Molecular Weight	27,949 Da
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	RAET1N
NCBI Protein Information	NKG2D ligand 3; N2DL-3; NKG2DL3; ALCAN-gamma; UL16-binding protein 3; retinoic acid early transcript 1N
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.