

Monkey UL16 Binding protein 3 ELISA Kit | ULBP3 elisa kit

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CATALOG #
AAA96991

REACTIVITY
Monkey

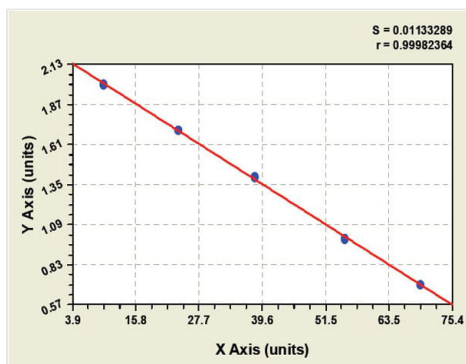
PRODUCT SYNONYMS

UL16 Binding protein 3; Monkey UL16 Binding protein 3 ELISA Kit; ULBP3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This ULBP3 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey ULBP3. This ELISA kit for research use only, not for therapeutic applications
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Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ULBP3 elisa kit	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.
Product Categories/Family for ULBP3 elisa kit	Immunology

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.

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Online datasheet: <https://stage.aaabiotech.com/ulbp3-monkey-elisa-kits/ul16-binding-protein-3/96991>