

## Guinea Pig UL16 Binding protein 1 ELISA Kit | ULBP1 elisa kit

Guinea pig UL16 Binding protein 1 ELISA Kit

CATALOG #  
**AAA95866**

REACTIVITY  
**Guinea Pig**

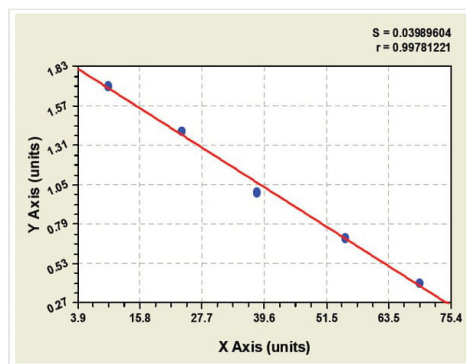
### PRODUCT SYNONYMS

UL16 Binding protein 1; Guinea pig UL16 Binding protein 1 ELISA Kit; ULBP1 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                                                                                                                                                                                      |
| Intended Uses           | This ULBP1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Guinea pig ULBP1. 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 ULBP1 elisa kit | <b>Principle of the Assay:</b> ULBP1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-ULBP1 antibody and an ULBP1-HRP conjugate. The assay sample and buffer are incubated together with ULBP1-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 ULBP1 concentration since ULBP1 from samples and ULBP1-HRP conjugate compete for the anti-ULBP1 antibody binding site. Since the number of sites is limited, as more sites are occupied by ULBP1 from the sample, fewer sites are left to bind ULBP1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ULBP1 concentration in each sample is interpolated from this standard curve. |
| Product Categories/Family for ULBP1 elisa kit   | Immunology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                        |
|----------------------------------|--------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 119568161                                                                                              |
| NCBI GeneID                      | 80329                                                                                                  |
| Molecular Weight                 | 27,997 Da                                                                                              |
| NCBI Official Full Name          | UL16 binding protein 1                                                                                 |
| NCBI Official Synonym Full Names | UL16 binding protein 1                                                                                 |
| NCBI Official Symbol             | ULBP1                                                                                                  |
| NCBI Official Synonym Symbols    | RAET1I                                                                                                 |
| NCBI Protein Information         | NKG2D ligand 1; N2DL-1; NKG2DL1; alcan-beta; UL16-binding protein 1; retinoic acid early transcript 1I |
| UniProt Protein Name             | NKG2D ligand 1                                                                                         |
| UniProt Gene Name                | ULBP1                                                                                                  |
| UniProt Synonym Gene Names       | N2DL1; RAET1I; N2DL-1; NKG2DL1                                                                         |
| UniProt Entry Name               | N2DL1_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/ulbp1-guinea-pig-pig-elisa-kits/ul16-binding-protein-1/95866>