

## Sheep Very Low Density Lipoproteins ELISA Kit | VLDL elisa kit

Sheep Very Low Density Lipoproteins ELISA Kit

CATALOG #  
**AAA91727**

REACTIVITY  
**Sheep**

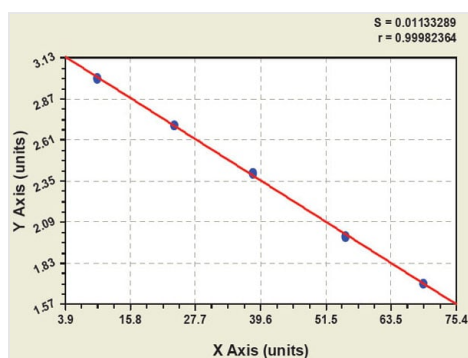
### PRODUCT SYNONYMS

Very Low Density Lipoproteins; Sheep Very Low Density Lipoproteins ELISA Kit; VLDL elisa kit

### PRODUCT SPECIFICATIONS

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

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

#### Product Categories/Family for VLDL elisa kit

Cardiovascular

NCBI AND UNIPROT INFORMATION

|                         |          |
|-------------------------|----------|
| NCBI GI #               | 84872465 |
| NCBI Official Full Name | VldL     |

**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/vldl-sheep-elisa-kits/very-low-density-lipoproteins/91727>