

## Sheep Ribonuclease T2 ELISA Kit | RNASET2 elisa kit

Sheep Ribonuclease T2 ELISA Kit

CATALOG #  
**AAA96836**

REACTIVITY  
**Sheep**

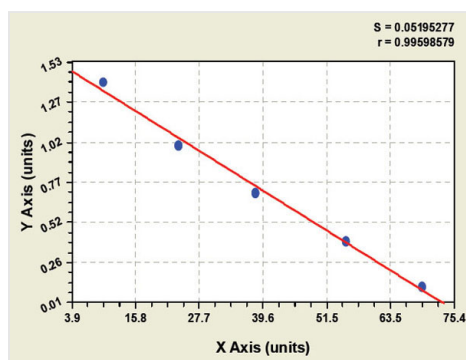
### PRODUCT SYNONYMS

Ribonuclease T2; Sheep Ribonuclease T2 ELISA Kit; RNASET2 elisa kit

### PRODUCT SPECIFICATIONS

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

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for RNASET2 elisa kit

**Intended Uses:** This RNASET2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep RNASET2. This ELISA kit for research use only!

**Principle of the Assay:** RNASET2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-RNASET2 antibody and an RNASET2-HRP conjugate. The assay sample and buffer are incubated together with RNASET2-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 RNASET2 concentration since RNASET2 from samples and RNASET2-HRP conjugate compete for the anti-RNASET2 antibody binding site. Since the number of sites is limited, as more sites are occupied by RNASET2 from the sample, fewer sites are left to bind RNASET2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The RNASET2 concentration in each sample is interpolated from this standard curve.

#### Product Categories/Family for RNASET2 elisa kit

Cell Biology

NCBI AND UNIPROT INFORMATION

|                                  |                                                                        |
|----------------------------------|------------------------------------------------------------------------|
| NCBI GI #                        | 145279200                                                              |
| NCBI GeneID                      | 100037283                                                              |
| NCBI Accession #                 | NP_001077407.1                                                         |
| NCBI GenBank Nucleotide #        | NM_001083938.2                                                         |
| Molecular Weight                 | 29,609 Da                                                              |
| NCBI Official Full Name          | ribonuclease T2                                                        |
| NCBI Official Synonym Full Names | ribonuclease T2A                                                       |
| NCBI Official Symbol             | Rnaset2a                                                               |
| NCBI Official Synonym Symbols    | C79750; Rnaset2; RNASE6PL; 0610007O07Rik; 4833423A10Rik; 4930532K22Rik |
| NCBI Protein Information         | ribonuclease T2; ribonuclease 6                                        |
| UniProt Protein Name             | Ribonuclease T2                                                        |
| UniProt Gene Name                | <b>Rnaset2</b>                                                         |
| UniProt Synonym Gene Names       | Rnase6pl                                                               |
| UniProt Entry Name               | RNT2_MOUSE                                                             |

**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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://www.aaabiotech.com/rnaset2-sheep-elisa-kits/ribonuclease-t2/96836>