

## Porcine Lipoic Acid Synthetase (LIAS) ELISA Kit-Sandwich

**Cat. No.: EK9F589**

**Product Type: Animal Immunoassay Kits**

**Size: 48T;96T**

### Product Overview

BioVenic Porcine LIAS ELISA Kit-Sandwich is designed for the quantitative determination of Porcine lipoic acid synthetase (LIAS) in serum, plasma, tissue homogenate, cell culture supernatant, cell lysate, and other biological fluids using a Sandwich ELISA method. For research use only.

### Specifications

|                    |                                                                                                       |
|--------------------|-------------------------------------------------------------------------------------------------------|
| Assay Type         | ELISA-Sandwich                                                                                        |
| Specificity        | The assay kit is specific for Porcine LIAS.                                                           |
| Target Species     | Swine                                                                                                 |
| Species Reactivity | Swine                                                                                                 |
| Detection Range    | 62.5-4000 pg/mL                                                                                       |
| Sensitivity        | 12.5 pg/mL                                                                                            |
| Reproducibility    | Intra-Assay: CV < 10%; Inter-Assay: CV < 10%                                                          |
| Assay Time         | Around 180 min                                                                                        |
| Sample Requirement | Serum, plasma, tissue homogenate, cell culture supernatant, cell lysate, and other biological fluids. |

### Target Information

Lipoic acid synthetase is encoded by the *LIAS* gene in pigs. It exists primarily in mitochondria and participates in the biosynthesis of intrinsic lipoic acid.

|                  |                                                       |
|------------------|-------------------------------------------------------|
| Target/Biomarker | Porcine LIAS                                          |
| Target Synonym   | lipoic acid synthetase; lipoyl synthase mitochondrial |
| Gene ID          | <a href="#">100627627</a>                             |
| UniProt ID       | <a href="#">H9A239</a>                                |

### Shipping and Storage

This product is shipped with gel ice packs. It is recommended to store at 2-8 °C (Up to 6 months).

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The product is for research use only. Not for commercial, prophylactic, diagnostic, or therapeutic applications. Please determine the purpose of the product before purchasing. For further information and inquiry, please contact us.