

## Pig INS (Insulin) ELISA Kit | INS elisa kit

Pig INS (Insulin) ELISA Kit

CATALOG #  
AAA278104

REACTIVITY  
Pig

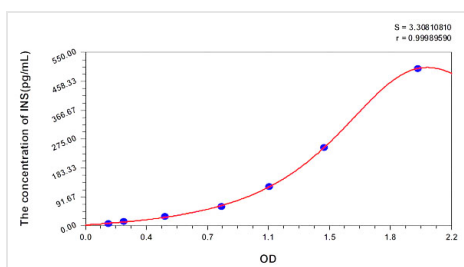
### PRODUCT SYNONYMS

INS (Insulin); Pig INS (Insulin) ELISA Kit; Insulin; INS elisa kit

### PRODUCT SPECIFICATIONS

|                 |                                                                                                      |
|-----------------|------------------------------------------------------------------------------------------------------|
| Reactivity      | Pig                                                                                                  |
| Assay Type      | Sandwich                                                                                             |
| Samples         | serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids |
| Detection Range | 0.16-10ng/mL                                                                                         |
| Sensitivity     | 0.046ng/mL                                                                                           |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for INS elisa kit

**Test Principle:** The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Pig INS. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Pig INS. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Pig INS, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of Pig INS in the samples is then determined by comparing the OD of the samples to the standard curve.

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

Metabolic pathway; Endocrinology; Hormone metabolism

### NCBI AND UNIPROT INFORMATION

|                  |                |
|------------------|----------------|
| NCBI GI #        | 172073148      |
| NCBI GeneID      | 397415         |
| NCBI Accession # | NP_001103242.1 |

|                           |                        |
|---------------------------|------------------------|
| NCBI GenBank Nucleotide # | NM_001109772.1         |
| UniProt Accession #       | P01315; Q9TSJ5         |
| Molecular Weight          | 11,672 Da              |
| NCBI Official Full Name   | insulin                |
| NCBI Official Symbol      | INS                    |
| NCBI Protein Information  | insulin; preproinsulin |
| UniProt Protein Name      | Insulin                |
| UniProt Gene Name         | INS                    |
| UniProt Entry Name        | INS_PIG                |

**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://www.aaabiotech.com/pig-elisa-kits/ins-insulin/278104>