

## Horse insulin ELISA Kit | INS elisa kit

Horse insulin, INS ELISA Kit

CATALOG #  
AAA112291

REACTIVITY  
Horse

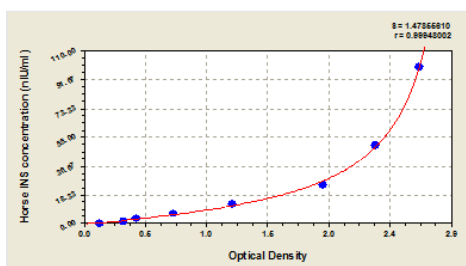
### PRODUCT SYNONYMS

insulin; Horse insulin; INS ELISA Kit; Horse insulin (INS) ELISA kit; ILPR; IRDN; OTTHUMP00000011162; OTTHUMP000000196038; proinsulin; INS elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                     |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Horse                                                                                                                                                                               |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of horse INS. No significant cross-reactivity or interference between horse INS and analogues was observed. |
| Sequence Length         | 86                                                                                                                                                                                  |
| Samples                 | Serum, plasma, tissue homogenates.                                                                                                                                                  |
| Assay Type              | Sandwich                                                                                                                                                                            |
| Detection Range         | 1.56 nIU/ml -100 nIU/ml.                                                                                                                                                            |
| Sensitivity             | 0.39 nIU/ml.                                                                                                                                                                        |
| Intra-assay Precision   | Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.                                    |
| Inter-assay Precision   | Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.                                             |
| Preparation and Storage | Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.                                                   |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for INS elisa kit

**Principle of the Assay**||This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for INS has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any INS present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for INS is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of INS bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

|                         |           |
|-------------------------|-----------|
| NCBI GI #               | 124616    |
| UniProt Accession #     | P01310    |
| Molecular Weight        | 9,147 Da  |
| NCBI Official Full Name | Insulin   |
| UniProt Protein Name    | Insulin   |
| UniProt Gene Name       | INS       |
| UniProt Entry Name      | INS_HORSE |

**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/ins-horse-elisa-kits/insulin/112291>