

## Porcine Enkephalin ELISA Kit | ENK elisa kit

Porcine Enkephalin ELISA Kit

CATALOG #  
**AAA88324**

REACTIVITY  
**Porcine**

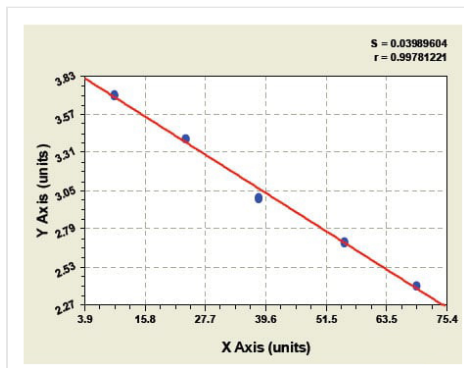
### PRODUCT SYNONYMS

Enkephalin; Porcine Enkephalin ELISA Kit; ENK elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                        |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Porcine                                                                                                                                                                                |
| Samples                 | Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate                                                                                                             |
| Assay Type              | Competitive                                                                                                                                                                            |
| Intended Uses           | This ENK ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine ENK. This ELISA kit for research use only, not for therapeutic applications  |
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| Preparation and Storage | Store all reagents at 2-8 degree C.                                                                                                                                                    |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for ENK elisa kit

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

## NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                       |
|----------------------------------|-------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 204026                                                                                                |
| NCBI GeneID                      | 29237                                                                                                 |
| Molecular Weight                 | 30,932 Da                                                                                             |
| NCBI Official Full Name          | enkephalin                                                                                            |
| NCBI Official Synonym Full Names | proenkephalin                                                                                         |
| NCBI Official Symbol             | Penk                                                                                                  |
| NCBI Official Synonym Symbols    | Enk; Penk1; Penk2; Penk-rs                                                                            |
| NCBI Protein Information         | proenkephalin-A; proenkephalin 1; proenkephalin 2; preproenkephalin 2; proenkephalin related sequence |
| UniProt Protein Name             | Proenkephalin-A                                                                                       |
| UniProt Gene Name                | <b>Penk</b>                                                                                           |
| UniProt Synonym Gene Names       | Penk-rs; Penk1; OGF                                                                                   |
| UniProt Entry Name               | PENK_RAT                                                                                              |

**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/enk-porcine-elisa-kits/enkephalin/88324>