

## Porcine Activin A ELISA Kit | Activin-A elisa kit

Porcine Activin A ELISA Kit

CATALOG #  
**AAA88739**

REACTIVITY  
**Porcine**

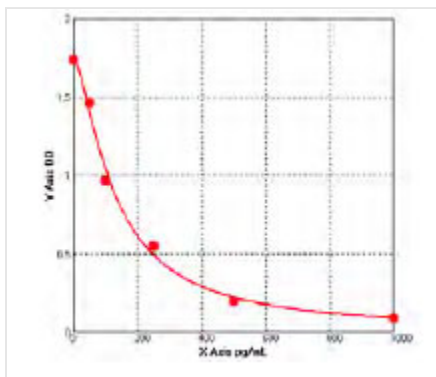
### PRODUCT SYNONYMS

Activin A; Porcine Activin A ELISA Kit; Activin-A elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Porcine                                                                                                                                                                                                                                                                                                                                                                                  |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of ACTA. No significant cross-reactivity or interference between ACTA and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between ACTA and all the analogues, therefore, cross reaction may still exist in some cases. |
| Samples                 | Serum, plasma, cell culture supernatants, body fluid and tissue homogenate                                                                                                                                                                                                                                                                                                               |
| Assay Type              | Quantitative Competitive                                                                                                                                                                                                                                                                                                                                                                 |
| Sensitivity             | 1.0 pg/mL                                                                                                                                                                                                                                                                                                                                                                                |
| Preparation and Storage | Store all reagents at 2-8 degree C.                                                                                                                                                                                                                                                                                                                                                      |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for Activin-A elisa kit | <p>Intended Uses: This ACTA ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine ACTA. This ELISA kit for research use only, not for therapeutic or test applications!</p> <p>Principle of the Assay: ACTA ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-ACTA antibody and an ACTA-HRP conjugate. The assay sample and buffer are incubated together with ACTA-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 ACTA concentration since ACTA from samples and ACTA-HRP conjugate compete for the anti-ACTA antibody binding site. Since the number of sites is limited, as more sites are occupied by ACTA from the sample, fewer sites are left to bind ACTA-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ACTA concentration in each sample is interpolated from this standard curve.</p> |
| Product Categories/Family for Activin-A elisa kit   | Signal Transduction                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                                                                    |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 119614547                                                                                                                                                                                                                                                          |
| NCBI GeneID                      | 3624                                                                                                                                                                                                                                                               |
| Molecular Weight                 | 47,442 Da                                                                                                                                                                                                                                                          |
| NCBI Official Full Name          | inhibin, beta A (activin A, activin AB alpha polypeptide), isoform CRA_a                                                                                                                                                                                           |
| NCBI Official Synonym Full Names | inhibin, beta A                                                                                                                                                                                                                                                    |
| NCBI Official Symbol             | INHBA                                                                                                                                                                                                                                                              |
| NCBI Official Synonym Symbols    | EDF; FRP                                                                                                                                                                                                                                                           |
| NCBI Protein Information         | inhibin beta A chain; Inhibin, beta-1; activin beta-A chain; FSH-releasing protein; erythroid differentiation factor; erythroid differentiation protein; follicle-stimulating hormone-releasing protein; inhibin, beta A (activin A, activin AB alpha polypeptide) |
| UniProt Protein Name             | Inhibin beta A chain                                                                                                                                                                                                                                               |
| UniProt Gene Name                | INHBA                                                                                                                                                                                                                                                              |
| UniProt Synonym Gene Names       | EDF                                                                                                                                                                                                                                                                |
| UniProt Entry Name               | INHBA_HUMAN                                                                                                                                                                                                                                                        |

**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.