

## Porcine Galectin 3 ELISA Kit | GAL3 elisa kit

Porcine Galectin 3 ELISA Kit

CATALOG #  
**AAA91392**

REACTIVITY  
**Porcine**

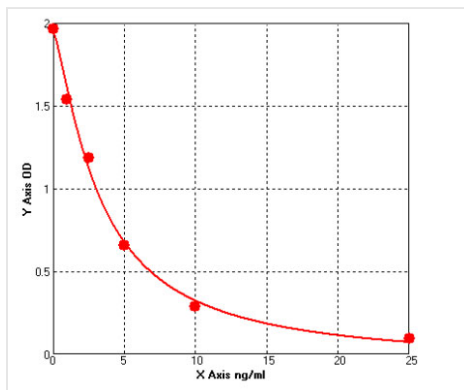
### PRODUCT SYNONYMS

Galectin 3; Porcine Galectin 3 ELISA Kit; GAL3 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                             |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Porcine                                                                                                                                                                                                                                                                                                                                                                                     |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of GAL-3. No significant cross-reactivity or interference between GAL-3 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between GAL-3 and all the analogues, therefore, cross reaction may still exist in some cases. |
| Assay Type              | Quantitative Competitive                                                                                                                                                                                                                                                                                                                                                                    |
| Samples                 | Serum, plasma, cell culture supernatants, body fluid and tissue homogenate                                                                                                                                                                                                                                                                                                                  |
| Sensitivity             | 0.1 ng/mL                                                                                                                                                                                                                                                                                                                                                                                   |
| Preparation and Storage | Store all reagents at 2-8 degree C.                                                                                                                                                                                                                                                                                                                                                         |

### IMAGES



Standard Curve (Sample)

## ADDITIONAL INFORMATION

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|------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for GAL3 elisa kit | <p>Principle of the Assay: GAL-3 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-GAL-3 antibody and an GAL-3-HRP conjugate. The assay sample and buffer are incubated together with GAL-3-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 GAL-3 concentration since GAL-3 from samples and GAL-3-HRP conjugate compete for the anti-GAL-3 antibody binding site. Since the number of sites is limited, as more sites are occupied by GAL-3 from the sample, fewer sites are left to bind GAL-3-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The GAL-3 concentration in each sample is interpolated from this standard curve.</p> <p>Intended Uses: This GAL-3 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine GAL-3. This ELISA kit for research use only, not for therapeutic or test applications!</p> |
| Product Categories/Family for GAL3 elisa kit   | Cell Biology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

## NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                   |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 294345475                                                                                                                                                         |
| NCBI GeneID                      | 3958                                                                                                                                                              |
| NCBI Accession #                 | NP_001170859.1                                                                                                                                                    |
| NCBI GenBank Nucleotide #        | NM_001177388.1                                                                                                                                                    |
| Molecular Weight                 | 26,152 Da                                                                                                                                                         |
| NCBI Official Full Name          | galectin-3 isoform 2                                                                                                                                              |
| NCBI Official Synonym Full Names | lectin, galactoside-binding, soluble, 3                                                                                                                           |
| NCBI Official Symbol             | LGALS3                                                                                                                                                            |
| NCBI Official Synonym Symbols    | L31; GAL3; MAC2; CBP35; GALBP; GALIG; LGALS2                                                                                                                      |
| NCBI Protein Information         | galectin-3; lectin L-29; 35 kDa lectin; MAC-2 antigen; IgE-binding protein; laminin-binding protein; galactose-specific lectin 3; carbohydrate-binding protein 35 |
| UniProt Protein Name             | Galectin-3                                                                                                                                                        |
| UniProt Gene Name                | <b>LGALS3</b>                                                                                                                                                     |
| UniProt Synonym Gene Names       | MAC2; Gal-3; CBP 35; GALBP                                                                                                                                        |
| UniProt Entry Name               | LEG3_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.

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Online datasheet: <https://stage.aaabiotech.com/gal3-porcine-elisa-kits/galectin-3/91392>