

## Porcine Growth Factor Receptor Bound Protein 14 ELISA Kit | Grb14 elisa kit

Porcine Growth Factor Receptor Bound Protein 14 ELISA Kit

|                              |                              |
|------------------------------|------------------------------|
| CATALOG #<br><b>AAA97317</b> | REACTIVITY<br><b>Porcine</b> |
|------------------------------|------------------------------|

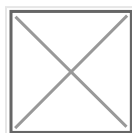
### PRODUCT SYNONYMS

Growth Factor Receptor Bound Protein 14; Porcine Growth Factor Receptor Bound Protein 14 ELISA Kit; Grb14 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Porcine                                                                                                                                                                                        |
| Samples                 | Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate                                                                                                                     |
| Assay Type              | Competitive                                                                                                                                                                                    |
| Sensitivity             | 0.1 ng/mL.                                                                                                                                                                                     |
| Intended Uses           | This GFRBP14 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine GFRBP14. This ELISA kit for research use only, not for therapeutic applications! |
| Preparation and Storage | Store all reagents at 2-8 degree C.                                                                                                                                                            |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

|                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for Grb14 elisa kit | <p><b>Principle of the assay:</b> GFRBP14 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-GFRBP14 antibody and an GFRBP14-HRP conjugate. The assay sample and buffer are incubated together with GFRBP14-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 GFRBP14 concentration since GFRBP14 from samples and GFRBP14-HRP conjugate compete for the anti-GFRBP14 antibody binding site. Since the number of sites is limited, as more sites are occupied by GFRBP14 from the sample, fewer sites are left to bind GFRBP14-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The GFRBP14 concentration in each sample is interpolated from this standard curve.</p> |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### NCBI AND UNIPROT INFORMATION

|                           |             |
|---------------------------|-------------|
| NCBI GI #                 | 71979663    |
| NCBI GeneID               | 2888        |
| NCBI Accession #          | NP_004481.2 |
| NCBI GenBank Nucleotide # | NM_004490.2 |

|                                         |                                                                |
|-----------------------------------------|----------------------------------------------------------------|
| <b>Molecular Weight</b>                 | 60,988 Da                                                      |
| <b>NCBI Official Full Name</b>          | growth factor receptor-bound protein 14                        |
| <b>NCBI Official Synonym Full Names</b> | growth factor receptor-bound protein 14                        |
| <b>NCBI Official Symbol</b>             | GRB14                                                          |
| <b>NCBI Protein Information</b>         | growth factor receptor-bound protein 14; GRB14 adapter protein |
| <b>UniProt Protein Name</b>             | Growth factor receptor-bound protein 14                        |
| <b>UniProt Gene Name</b>                | <b>GRB14</b>                                                   |
| <b>UniProt Entry Name</b>               | GRB14_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)

Online datasheet: <https://stage.aaabiotech.com/grb14-porcine-elisa-kits/growth-factor-receptor-bound-protein-14/97317>