

## Pig fibroblast growth factor 19 (FGF19) ELISA Kit | FGF19 elisa kit

Pig fibroblast growth factor 19, FGF19 ELISA Kit

CATALOG #  
**AAA112339**

REACTIVITY  
**Pig**

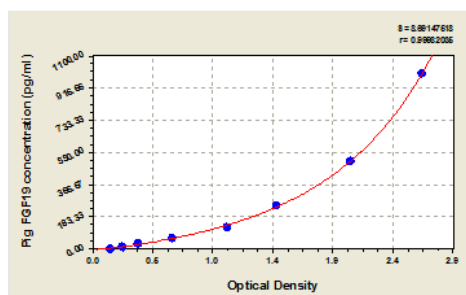
### PRODUCT SYNONYMS

fibroblast growth factor 19 (FGF19); Pig fibroblast growth factor 19; FGF19 ELISA Kit; Pig fibroblast growth factor 19 (FGF19) ELISA Kit; FGF19 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                          |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Pig                                                                                                                                                                                                                                                                                                                                                      |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of pig FGF19. No significant cross-reactivity or interference between pig FGF19 and analogues was observed.                                                                                                                                                                      |
| Sequence Length         | 216                                                                                                                                                                                                                                                                                                                                                      |
| Samples                 | Serum, plasma                                                                                                                                                                                                                                                                                                                                            |
| Assay Type              | Sandwich                                                                                                                                                                                                                                                                                                                                                 |
| Detection Range         | 15.6 pg/ml -1000 pg/ml.                                                                                                                                                                                                                                                                                                                                  |
| Sensitivity             | The minimum detectable dose of pig FGF19 is typically less than 3.9 pg/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations. |
| 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 FGF19 elisa kit | <b>Principle of the assay:</b> This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for FGF19 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any FGF19 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for FGF19 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 FGF19 bound in the initial step. The color development is stopped and the intensity of the color is measured. |
|-------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                     |
|----------------------------------|-------------------------------------|
| NCBI GI #                        | 4826726                             |
| NCBI GeneID                      | 9965                                |
| NCBI Accession #                 | NP_005108.1                         |
| NCBI GenBank Nucleotide #        | NM_005117.2                         |
| UniProt Accession #              | O95750                              |
| Molecular Weight                 | 24,003 Da                           |
| NCBI Official Full Name          | fibroblast growth factor 19         |
| NCBI Official Synonym Full Names | fibroblast growth factor 19         |
| NCBI Official Symbol             | FGF19                               |
| NCBI Protein Information         | fibroblast growth factor 19; FGF-19 |
| UniProt Protein Name             | Fibroblast growth factor 19         |
| UniProt Gene Name                | <b>FGF19</b>                        |
| UniProt Synonym Gene Names       | UNQ334/PRO533; FGF-19               |
| UniProt Entry Name               | FGF19_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.