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## Datasheet for ABIN5691028 FGF19 ELISA Kit

### Overview

|                          |                       |
|--------------------------|-----------------------|
| Quantity:                | 96 tests              |
| Target:                  | FGF19                 |
| Reactivity:              | Pig                   |
| Method Type:             | Sandwich ELISA        |
| Detection Range:         | 10 pg/mL - 5000 pg/mL |
| Minimum Detection Limit: | 10 pg/mL              |
| Application:             | ELISA                 |

### Product Details

|                    |  |
|--------------------|--|
| Purpose:           | Porcine FGF-19 ELISA Kit for Serum, Plasma, and Cell Culture Supernatants.   |
| Sample Type:       | Cell Culture Supernatant, Plasma, Serum  |
| Analytical Method: | Quantitative   |
| Detection Method:  | Colorimetric   |
| Specificity:       | This ELISA antibody pair detects Porcine FGF-19. Other species not determined.   |
| Characteristics:   | <ul style="list-style-type: none"><li>• Strip plates and additional reagents allow for use in multiple experiments</li><li>• Quantitative protein detection</li><li>• Establishes normal range</li><li>• The best products for confirmation of antibody array data</li></ul> |
| Components:        | <ul style="list-style-type: none"><li>• Pre-Coated 96-well Strip Microplate</li><li>• Wash Buffer</li><li>• Stop Solution</li></ul>  |

## Product Details

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- Assay Diluent(s)
- Lyophilized Standard
- Biotinylated Detection Antibody
- Streptavidin-Conjugated HRP
- TMB One-Step Substrate

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### Material not included:

- Distilled or deionized water
- Precision pipettes to deliver 2 µL to 1 µL volumes
- Adjustable 1-25 µL pipettes for reagent preparation
- 100 µL and 1 liter graduated cylinders
- Tubes to prepare standard and sample dilutions
- Absorbent paper
- Microplate reader capable of measuring absorbance at 450nm
- Log-log graph paper or computer and software for ELISA data analysis

## Target Details

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Target: FGF19

Alternative Name: FGF-19 ([FGF19 Products](#))

Gene ID: 9965

UniProt: [F1RY79](#)

Pathways: [RTK Signaling](#), [Fc-epsilon Receptor Signaling Pathway](#), [EGFR Signaling Pathway](#), [Neurotrophin Signaling Pathway](#)

## Application Details

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Plate: Pre-coated

Protocol:

1. Prepare all reagents, samples and standards as instructed in the manual.
2. Add 100 µL of standard or sample to each well.
3. Incubate 2.5 h at RT or O/N at 4 °C.
4. Add 100 µL of prepared biotin antibody to each well.
5. Incubate 1 h at RT.
6. Add 100 µL of prepared Streptavidin solution to each well.
7. Incubate 45 min at RT.
8. Add 100 µL of TMB One-Step Substrate Reagent to each well.
9. Incubate 30 min at RT.
10. Add 50 µL of Stop Solution to each well.
11. Read at 450 nm immediately.

## Application Details

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Reagent Preparation: Recommended Dilution for serum and plasma samples 5 fold

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Restrictions: For Research Use only

## Handling

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Storage: 4 °C

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Storage Comment: The entire kit may be stored at -20°C for up to 1 year from the date of shipment. Avoid repeated freeze-thaw cycles. The kit may be stored at 4°C for up to 6 months. For extended storage, it is recommended to store at -80°C.

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Expiry Date: 6 months