

## Porcine Growth Differentiation Factor 5 ELISA Kit | GDF5 elisa kit

Porcine Growth Differentiation Factor 5 ELISA Kit

CATALOG #  
**AAA93511**

REACTIVITY  
**Porcine**

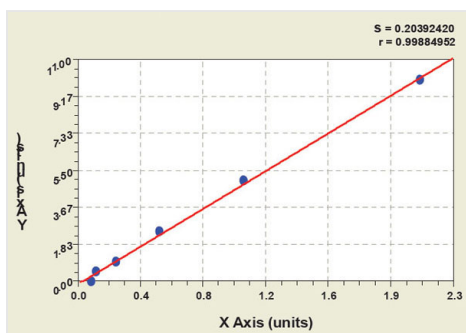
### PRODUCT SYNONYMS

Growth Differentiation Factor 5; Porcine Growth Differentiation Factor 5 ELISA Kit; GDF5 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                          |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Porcine                                                                                                                                                                                  |
| Samples                 | Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate                                                                                                               |
| Assay Type              | Sandwich                                                                                                                                                                                 |
| Sensitivity             | 0.1 ng/mL.                                                                                                                                                                               |
| Intended Uses           | This GDF5 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine GDF5. 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 GDF5 elisa kit

**Principle of the Assay:** GDF5 ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for GDF5. Standards or samples are then added to the microtiter plate wells and GDF5 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of GDF5 present in the sample, a standardized preparation of horseradish peroxidase (HRP) -conjugated polyclonal antibody, specific for GDF5 are added to each well to "sandwich" the GDF5 immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain GDF5 and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The GDF5 concentration in each sample is interpolated from this standard curve.

#### Product Categories/Family for GDF5 elisa kit

Cancer

NCBI AND UNIPROT INFORMATION

|                         |               |
|-------------------------|---------------|
| NCBI GI #               | 290566063     |
| Molecular Weight        | 18,733 Da     |
| NCBI Official Full Name | GDF5, partial |
| UniProt Protein Name    | GDF5          |
| UniProt Gene Name       | <b>GDF5</b>   |
| UniProt Entry Name      | D3YQT0_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/gdf5-porcine-elisa-kits/growth-differentiation-factor-5/93511>