

## Cat Growth Differentiation Factor 9, GDF9 ELISA Kit | GDF9 elisa kit

Cat Growth Differentiation Factor 9, GDF9 ELISA Kit

CATALOG #  
**AAA123741**

REACTIVITY  
**Cat**

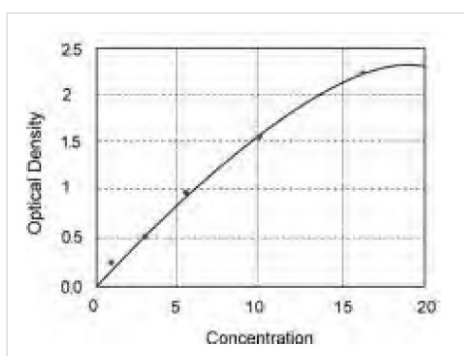
### PRODUCT SYNONYMS

Growth Differentiation Factor 9; GDF9; Cat Growth Differentiation Factor 9; GDF9 ELISA Kit; GDF9 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                  |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Cat                                                                                                                                                                                              |
| Sequence Length         | 453                                                                                                                                                                                              |
| Assay Type              | Quantitative Sandwich                                                                                                                                                                            |
| Samples                 | Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids                                                                                                   |
| Detection Range         | 2-700ng/L                                                                                                                                                                                        |
| Sensitivity             | 1.59ng/L                                                                                                                                                                                         |
| Intra-assay Precision   | Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%                              |
| Inter-assay Precision   | Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10% |
| Preparation and Storage | Store at 2 to 8 degree C for 6 months.                                                                                                                                                           |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
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| Related Product Information for GDF9 elisa kit | <p>Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Cat GDF9 antibody. GDF9 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Cat GDF9 Antibody is added and binds to GDF9 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated GDF9 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Cat GDF9. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.</p> <p>Intended Uses: This sandwich kit is for the accurate quantitative detection of Cat Growth Differentiation Factor 9 (also known as GDF9) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.</p> |
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NCBI AND UNIPROT INFORMATION

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|--------------------------|---------------------------------|
| NCBI GI #                | 238625787                       |
| NCBI GeneID              | 100482975                       |
| NCBI Official Full Name  | growth differentiation factor 9 |
| NCBI Official Symbol     | GDF9                            |
| NCBI Protein Information | growth/differentiation factor 9 |

**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/cat-elisa-kits/growth-differentiation-factor-9-gdf9/123741>