

## Bovine Fibroblast Growth Factor 9 ELISA Kit | FGF9 elisa kit

Bovine Fibroblast Growth Factor 9 ELISA Kit

CATALOG #  
**AAA92665**

REACTIVITY  
**Bovine**

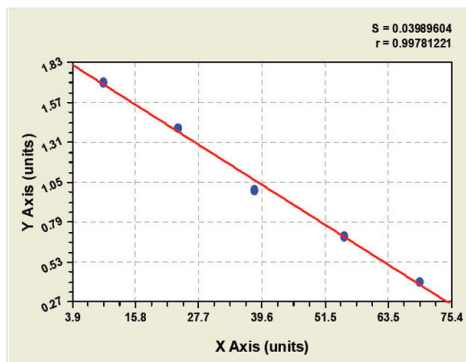
### PRODUCT SYNONYMS

Fibroblast Growth Factor 9; Bovine Fibroblast Growth Factor 9 ELISA Kit; FGF9 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                         |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Bovine                                                                                                                                                                                  |
| Samples                 | Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate                                                                                                              |
| Assay Type              | Competitive                                                                                                                                                                             |
| Detection Range         | 250-5000pg/ml                                                                                                                                                                           |
| Sensitivity             | 1.0pg/ml                                                                                                                                                                                |
| Intended Uses           | This FGF9 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine FGF9. 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 FGF9 elisa kit

**Principle of the Assay:** FGF9 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-FGF9 antibody and an FGF9-HRP conjugate. The assay sample and buffer are incubated together with FGF9-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 FGF9 concentration since FGF9 from samples and FGF9-HRP conjugate compete for the anti-FGF9 antibody binding site. Since the number of sites is limited, as more sites are occupied by FGF9 from the sample, fewer sites are left to bind FGF9-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The FGF9 concentration in each sample is interpolated from this standard curve.

## NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                  |
|----------------------------------|------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 391719                                                                                                           |
| NCBI GeneID                      | 2254                                                                                                             |
| Molecular Weight                 | 23,441 Da                                                                                                        |
| NCBI Official Full Name          | fibroblast growth factor 9                                                                                       |
| NCBI Official Synonym Full Names | fibroblast growth factor 9                                                                                       |
| NCBI Official Symbol             | FGF9                                                                                                             |
| NCBI Official Synonym Symbols    | GAF; FGF-9; SYNS3; HBFG-9; HBGF-9                                                                                |
| NCBI Protein Information         | fibroblast growth factor 9; heparin-binding growth factor 9; fibroblast growth factor 9 (glia-activating factor) |
| UniProt Protein Name             | Fibroblast growth factor 9                                                                                       |
| UniProt Gene Name                | <b>FGF9</b>                                                                                                      |
| UniProt Synonym Gene Names       | FGF-9; GAF; HBGF-9                                                                                               |
| UniProt Entry Name               | FGF9_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/fgf9-bovine-ovine-elisa-kits/fibroblast-growth-factor-9/92665>