

## Canine Basic Fibroblast growth factor ELISA Kit | bFGF elisa kit

Canine Basic Fibroblast growth factor ELISA Kit

CATALOG #  
**AAA92223**

REACTIVITY  
**Canine**

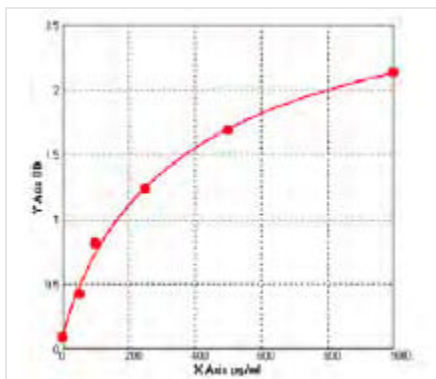
### PRODUCT SYNONYMS

Basic Fibroblast growth factor; Canine Basic Fibroblast growth factor ELISA Kit; bFGF elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Canine                                                                                                                                                                                                                                                                                                                                                                                   |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of BFGF. No significant cross-reactivity or interference between BFGF and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between BFGF and all the analogues, therefore, cross reaction may still exist in some cases. |
| Samples                 | Serum, plasma, cell culture supernatants, body fluid and tissue homogenate                                                                                                                                                                                                                                                                                                               |
| Assay Type              | Quantitative Sandwich                                                                                                                                                                                                                                                                                                                                                                    |
| Sensitivity             | 1.0 pg/mL                                                                                                                                                                                                                                                                                                                                                                                |
| Preparation and Storage | Store all reagents at 2-8 degree C.                                                                                                                                                                                                                                                                                                                                                      |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for bFGF elisa kit | <p>Intended Uses: This BFGF ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine BFGF. This ELISA kit for research use only!</p> <p>Principle of the Assay: BFGF ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for BFGF. Standards or samples are then added to the microtiter plate wells and BFGF if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of BFGF present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for BFGF are added to each well to "sandwich" the BFGF 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 BFGF 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 BFGF concentration in each sample is interpolated from this standard curve.</p> |
| Product Categories/Family for bFGF elisa kit   | Signal Transduction                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                               |
|----------------------------------|---------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 8250666                                                                                                       |
| NCBI GeneID                      | 2247                                                                                                          |
| Molecular Weight                 | 21,203 Da                                                                                                     |
| NCBI Official Full Name          | basic fibroblast growth factor, partial                                                                       |
| NCBI Official Synonym Full Names | fibroblast growth factor 2 (basic)                                                                            |
| NCBI Official Symbol             | FGF2                                                                                                          |
| NCBI Official Synonym Symbols    | BFGF; FGFB; FGF-2; HBGF-2                                                                                     |
| NCBI Protein Information         | fibroblast growth factor 2; prostaticin; heparin-binding growth factor 2; basic fibroblast growth factor bFGF |
| UniProt Protein Name             | Fibroblast growth factor 2                                                                                    |
| UniProt Gene Name                | FGF2                                                                                                          |
| UniProt Synonym Gene Names       | FGFB; FGF-2; bFGF; HBGF-2                                                                                     |
| UniProt Entry Name               | FGF2_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/bfgf-canine-elisa-kits/basic-fibroblast-growth-factor/92223>