

## Human fibroblast growth factor 5 ELISA Kit | FGF5 elisa kit

Human Fibroblast growth factor 5, FGF5 ELISA Kit

CATALOG #  
**AAA112918**

REACTIVITY  
**Human**

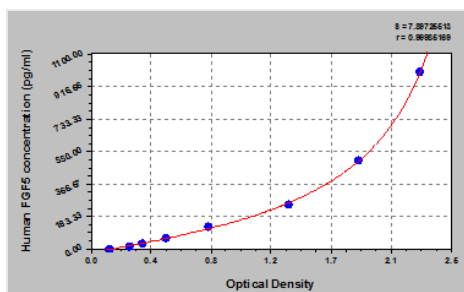
### PRODUCT SYNONYMS

fibroblast growth factor 5; Human Fibroblast growth factor 5; FGF5 ELISA Kit; Human Fibroblast growth factor 5 (FGF5) ELISA kit; HBGF-5; Smag-82; heparin-binding growth factor 5; FGF5 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                           |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                                                                                                                                                                                                                                     |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of Human FGF5. No significant cross-reactivity or interference between Human FGF5 and analogues was observed.                                                                                                                                     |
| Sequence Length         | 268                                                                                                                                                                                                                                                                                                                       |
| Samples                 | Serum, plasma, tissue homogenates                                                                                                                                                                                                                                                                                         |
| Assay Type              | Sandwich                                                                                                                                                                                                                                                                                                                  |
| Detection Range         | 15.6 pg/ml-1000 pg/ml                                                                                                                                                                                                                                                                                                     |
| Sensitivity             | 3.9 pg/ml                                                                                                                                                                                                                                                                                                                 |
| Intra-assay Precision   | Intra-assay Precision (Precision within an assay): CV% is less than 8%<br>Three samples of known concentration were tested twenty times on one plate to assess.<br>Inter-assay Precision (Precision between assays): CV% is less than 10%<br>Three samples of known concentration were tested in twenty assays to assess. |
| Detection Wavelength    | 450 nm                                                                                                                                                                                                                                                                                                                    |
| Sample Volume           | 50-100ul                                                                                                                                                                                                                                                                                                                  |
| Preparation and Storage | Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.                                                                                                                                                                                         |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for FGF5 elisa kit | <b>Principle of the Assay:</b> This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for FGF5 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any FGF5 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for FGF5 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of FGF5 bound in the initial step. The color development is stopped and the intensity of the color is measured. |
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NCBI AND UNIPROT INFORMATION

|                                  |                                                             |
|----------------------------------|-------------------------------------------------------------|
| NCBI GI #                        | 73486655                                                    |
| NCBI GeneID                      | 2250                                                        |
| NCBI Accession #                 | NP_004455.2                                                 |
| NCBI GenBank Nucleotide #        | NM_004464.3                                                 |
| UniProt Accession #              | P12034; O75846; Q3Y8M3; Q8NF90; B2R554                      |
| Molecular Weight                 | 29,551 Da                                                   |
| NCBI Official Full Name          | fibroblast growth factor 5 isoform 1                        |
| NCBI Official Synonym Full Names | fibroblast growth factor 5                                  |
| NCBI Official Symbol             | FGF5                                                        |
| NCBI Official Synonym Symbols    | HBGF-5; TCMGLY; Smag-82                                     |
| NCBI Protein Information         | fibroblast growth factor 5; heparin-binding growth factor 5 |
| UniProt Protein Name             | Fibroblast growth factor 5                                  |
| UniProt Gene Name                | FGF5                                                        |
| UniProt Synonym Gene Names       | FGF-5; HBGF-5                                               |
| UniProt Entry Name               | FGF5_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/fgf5-human-elisa-kits/fibroblast-growth-factor-5/112918>