

## Human Fibroblast growth factor 10 ELISA Kit | FGF 10 elisa kit

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CATALOG #  
**AAA87663**

REACTIVITY  
**Human**

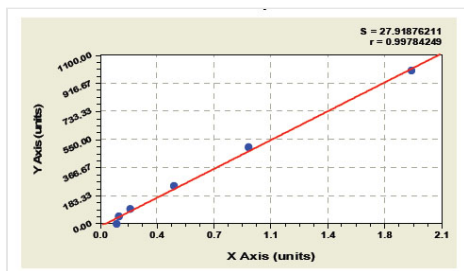
### PRODUCT SYNONYMS

Fibroblast growth factor 10; Human Fibroblast growth factor 10 ELISA Kit; FGF 10 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                            |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                                                                                                      |
| Samples                 | Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate                                                                                                                 |
| Assay Type              | Competitive or Sandwich                                                                                                                                                                    |
| Detection Range         | 50-1000pg/mL                                                                                                                                                                               |
| Sensitivity             | 1.0pg/mL                                                                                                                                                                                   |
| Intended Uses           | This FGF-10 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human FGF-10. 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 FGF 10 elisa kit

**Principle of the Assay:** FGF-10 ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for FGF-10. Standards or samples are then added to the microtiter plate wells and FGF-10 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of FGF-10 present in the sample, a standardized preparation of horseradish peroxidase (HRP) -conjugated polyclonal antibody, specific for FGF-10 are added to each well to "sandwich" the FGF-10 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 FGF-10 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 FGF-10 concentration in each sample is interpolated from this standard curve.

#### Product Categories/Family for FGF 10 elisa kit

Cardiovascular

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                              |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 4758360                                                                                                                      |
| NCBI GeneID                      | 2255                                                                                                                         |
| NCBI Accession #                 | NP_004456.1                                                                                                                  |
| NCBI GenBank Nucleotide #        | NM_004465.1                                                                                                                  |
| Molecular Weight                 | 23,436 Da                                                                                                                    |
| NCBI Official Full Name          | fibroblast growth factor 10                                                                                                  |
| NCBI Official Synonym Full Names | fibroblast growth factor 10                                                                                                  |
| NCBI Official Symbol             | FGF10                                                                                                                        |
| NCBI Protein Information         | fibroblast growth factor 10; FGF-10; keratinocyte growth factor 2; produced by fibroblasts of urinary bladder lamina propria |
| UniProt Protein Name             | Fibroblast growth factor 10                                                                                                  |
| UniProt Gene Name                | <b>FGF10</b>                                                                                                                 |
| UniProt Synonym Gene Names       | FGF-10                                                                                                                       |
| UniProt Entry Name               | FGF10_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/fgf-10-human-elisa-kits/fibroblast-growth-factor-10/87663>