

## Human FGF23 (Fibroblast Growth Factor 23) CLIA Kit | FGF23 clia kit

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CATALOG #  
**AAA170948**

REACTIVITY  
**Human**

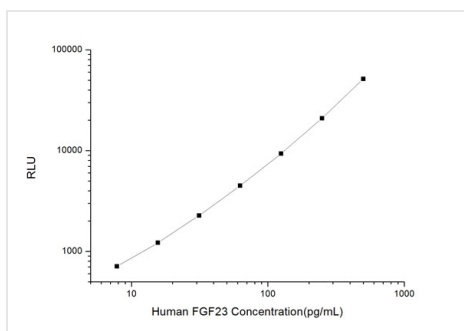
### PRODUCT SYNONYMS

FGF23 (Fibroblast Growth Factor 23); Human FGF23 (Fibroblast Growth Factor 23) CLIA Kit; FGF-23; ADHR; FGFN; HYPF; HPDR2; PHPTC; FGF23 clia kit

### PRODUCT SPECIFICATIONS

|                 |                                                                                                                                              |
|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity      | Human                                                                                                                                        |
| Specificity     | This kit recognizes natural and recombinant FGF23. No significant cross-reactivity or interference between FGF23 and analogues was observed. |
| Sequence Length | 251                                                                                                                                          |
| Assay Type      | Sandwich                                                                                                                                     |
| Detection Range | 7.813-500pg/mL                                                                                                                               |
| Sensitivity     | Min: 4.688pg/mL; Max: 500pg/mL                                                                                                               |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for FGF23 clia kit

**Intended Uses:** This CLIA kit applies to the in vitro quantitative determination of FGF23 concentrations in serum, plasma and other biological fluids.

**Principle of the Assay**||This kit uses Sandwich-CLIA as the method. The micro CLIA plate provided in this kit has been pre-coated with an antibody specific to FGF23. Standards or samples are added to the appropriate micro CLIA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for FGF23 and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain FGF23, biotinylated detection antibody and Avidin-HRP conjugate will appear fluorescence. The Relative light unit (RLU) value is measured spectrophotometrically by the Chemiluminescence immunoassay analyzer. The RLU value is positively associated with the concentration of FGF23. You can calculate the concentration of FGF23 in the samples by comparing the RLU value of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

|                                  |                                |
|----------------------------------|--------------------------------|
| NCBI GI #                        | 10190674                       |
| NCBI GeneID                      | 8074                           |
| NCBI Accession #                 | NP_065689.1                    |
| NCBI GenBank Nucleotide #        | NM_020638.2                    |
| Molecular Weight                 | 27,954 Da                      |
| NCBI Official Full Name          | fibroblast growth factor 23    |
| NCBI Official Synonym Full Names | fibroblast growth factor 23    |
| NCBI Official Symbol             | FGF23                          |
| NCBI Official Synonym Symbols    | ADHR; FGFN; HYPF; HPDR2; PHPTC |
| NCBI Protein Information         | fibroblast growth factor 23    |
| UniProt Protein Name             | Fibroblast growth factor 23    |
| UniProt Gene Name                | <b>FGF23</b>                   |
| UniProt Synonym Gene Names       | HYPF; FGF-23                   |
| UniProt Entry Name               | FGF23_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/human-clia-kits/fgf23-fibroblast-growth-factor-23/170948>