

## Mouse FGF23 PicoKine ELISA Kit | Fgf23 elisa kit

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CATALOG #  
**AAA46205**

REACTIVITY  
**Mouse**

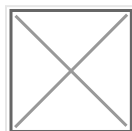
### PRODUCT SYNONYMS

FGF23 PicoKine; Mouse FGF23 PicoKine ELISA Kit; Fibroblast growth factor 23; ADHR; FGF-23; Fgf23; FGF23\_HUMAN; FGFN; Fibroblast growth factor 23 C-terminal peptide; Fibroblast growth factor 23 precursor; HPDR2; HYPF; Phosphatonin; PHPTC; Tumor derived hypophosphatemia inducing factor; Tumor-derived hypophosphatemia-inducing factor ; fibroblast growth factor 23; Fgf23 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                       |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Mouse                                                                                                                                                 |
| Specificity             | Natural and recombinant Mouse Fcrla                                                                                                                   |
| Sequence Length         | 251                                                                                                                                                   |
| Samples                 | Cell Culture Supernates, Serum And Plasma (Heparin, Edta)                                                                                             |
| Detection Range         | 62.5pg/ml-4000pg/ml                                                                                                                                   |
| Sensitivity             | <50pg/ml                                                                                                                                              |
| Intra-assay Precision   | Intra-Assay Precision (Precision within an assay): Three samples of known concentration were tested on one plate to assess intra-assay precision      |
| Inter-assay Precision   | Inter-Assay Precision (Precision accross assays):Three samples of known concentration were tested in separate assays to assess inter-assay precision. |
| Preparation and Storage | Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles.                                                   |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for Fgf23 elisa kit | <p>Principle of the Assay: The Picokine Mouse Fcrla Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid phase immunoassay specially designed to measure Mouse Fcrla with a 96-well strip plate that is pre-coated with antibody specific for Fcrla. The detection antibody is a biotinylated antibody specific for Fcrla. The capture antibody is A monoclonal antibody from rat, the detection antibody is a biotinylated detection polyclonal antibody from goat. The kit contains recombinant Mouse Fcrla with immunogen: Expression system for standard: NSO, Immunogen sequence: A17-S219. The kit is analytically validated with ready to use reagents. To measure Mouse Fcrla, add standards and samples to the wells, then add the biotinylated detection antibody. Wash the wells with PBS or TBS buffer, and add Avidin-Biotin-Peroxidase Complex (ABC-HRP). Wash away the unbounded ABC-HRP with PBS or TBS buffer and add TMB. TMB is substrate to HRP and will be catalyzed to produce a blue color product, which changes into yellow after adding acidic stop solution. The density of the yellow product is linearly propotional to Mouse Fcrla in the sample. Read the density of the yellow product in each well using a plate reader, and benchmark the sample wells' readings against the standard curve to determine the concentration of Mouse Fcrla in the sample!!Background/Introduction: Fc receptor-like protein 1 is a protein that in humans is encoded by the FCRL1 gene. It is mapped to 1q23.1. This gene encodes a member of the immunoglobulin receptor superfamily and is one of several Fc receptor-like glycoproteins clustered on the long arm of chromosome 1. The encoded protein contains three extracellular C2-like immunoglobulin domains, a transmembrane domain and a cytoplasmic domain with two immunoreceptor-tyrosine activation motifs. This protein may play a role in the regulation of cancer cell growth. Alternative splicing results in multiple transcript variants.</p> |
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NCBI AND UNIPROT INFORMATION

|                                  |                             |
|----------------------------------|-----------------------------|
| NCBI GI #                        | 12083589                    |
| NCBI GeneID                      | 64654                       |
| NCBI Accession #                 | NP_073148.1                 |
| NCBI GenBank Nucleotide #        | NM_022657.4                 |
| UniProt Accession #              | Q9EPC2                      |
| Molecular Weight                 | 27,758 Da                   |
| NCBI Official Full Name          | fibroblast growth factor 23 |
| NCBI Official Synonym Full Names | fibroblast growth factor 23 |
| NCBI Official Symbol             | Fgf23                       |
| NCBI Protein Information         | fibroblast growth factor 23 |
| UniProt Protein Name             | Fibroblast growth factor 23 |
| UniProt Gene Name                | <b>Fgf23</b>                |
| UniProt Synonym Gene Names       | FGF-23                      |
| UniProt Entry Name               | FGF23_MOUSE                 |

**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.