

## Mouse GDF6 ELISA Kit | GDF6 elisa kit

Mouse GDF6 (Growth Differentiation Factor 6) ELISA Kit

CATALOG #  
**AAA163946**

REACTIVITY  
**Mouse**

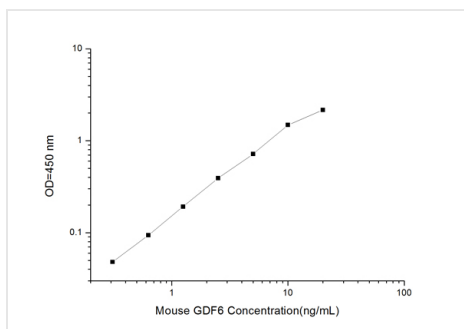
### PRODUCT SYNONYMS

GDF6; Mouse GDF6 (Growth Differentiation Factor 6) ELISA Kit; GDF6 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                        |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Mouse                                                                                                                                                  |
| Specificity             | This kit recognizes natural and recombinant Mouse GDF6. No significant cross-reactivity or interference between Mouse GDF6 and analogues was observed. |
| Sequence Length         | 455                                                                                                                                                    |
| Samples                 | Serum, Plasma, Biological Fluids                                                                                                                       |
| Assay Type              | Sandwich                                                                                                                                               |
| Detection Range         | 0.313-20ng/mL                                                                                                                                          |
| Sensitivity             | Min: 0.188ng/mL; Max: 20ng/mL                                                                                                                          |
| Preparation and Storage | Store at 4 degree C.                                                                                                                                   |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
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| Related Product Information for GDF6 elisa kit | <p>Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Mouse GDF6 concentrations in serum, plasma and other biological fluids.</p> <p>Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to GDF6. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for GDF6 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 GDF6, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm ± 2 nm. The OD value is proportional to the concentration of GDF6. You can calculate the concentration of GDF6 in the samples by comparing the OD of the samples to the standard curve.</p> |
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NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                   |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 48475062                                                                                                                                                                          |
| NCBI GeneID                      | 392255                                                                                                                                                                            |
| NCBI Accession #                 | NP_001001557.1                                                                                                                                                                    |
| NCBI GenBank Nucleotide #        | NM_001001557.2                                                                                                                                                                    |
| UniProt Accession #              | Q6KF10; Q6PI58                                                                                                                                                                    |
| Molecular Weight                 | 50,662 Da                                                                                                                                                                         |
| NCBI Official Full Name          | growth/differentiation factor 6                                                                                                                                                   |
| NCBI Official Synonym Full Names | growth differentiation factor 6                                                                                                                                                   |
| NCBI Official Symbol             | GDF6                                                                                                                                                                              |
| NCBI Official Synonym Symbols    | KFM; KFS; KFS1; KFSL; SGM1; BMP13; CDMP2; LCA17; MCOP4; SCDO4; BMP-13; MCOPCB6                                                                                                    |
| NCBI Protein Information         | growth/differentiation factor 6; GDF-6; Klip-Feil malformation; Klippel-Feil malformation; Klippel-Feil syndrome; bone morphogenetic protein 13; growth/differentiation factor 16 |
| UniProt Protein Name             | Growth/differentiation factor 6                                                                                                                                                   |
| UniProt Gene Name                | GDF6                                                                                                                                                                              |
| UniProt Synonym Gene Names       | BMP13; GDF16; GDF-6; BMP-13                                                                                                                                                       |
| UniProt Entry Name               | GDF6_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.