

Mouse fibroblast growth factor 23 ELISA Kit | FGF23 elisa kit

Mouse Fibroblast growth factor 23, FGF23 ELISA Kit

CATALOG #
AAA113016

REACTIVITY
Mouse

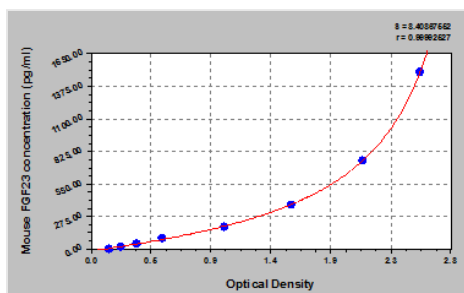
PRODUCT SYNONYMS

fibroblast growth factor 23; Mouse Fibroblast growth factor 23; FGF23 ELISA Kit; Mouse Fibroblast growth factor 23 (FGF23) ELISA kit; ADHR; HPDR2; HYPF; PHPTC; tumor-derived hypophosphatemia inducing factor; FGF23 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Mouse FGF23. No significant cross-reactivity or interference between Mouse FGF23 and analogues was observed.
Sequence Length	251
Samples	Serum, plasma, tissue homogenates
Assay Type	Sandwich
Detection Range	23.44 pg/ml-1500 pg/ml
Sensitivity	5.86 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Protein Biological Process 1	Developmental Protein
Protein Biological Process 3	Differentiation
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 FGF23 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for FGF23 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any FGF23 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for FGF23 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 FGF23 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 #	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; FGF-23
UniProt Protein Name	Fibroblast growth factor 23
UniProt Gene Name	Fgf23
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.

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Online datasheet: <https://stage.aaabiotech.com/fgf23-mouse-elisa-kits/fibroblast-growth-factor-23/113016>