

Human Intact Fibroblast Growth Factor 23 ELISA Kit | IFGF 23 elisa kit

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CATALOG #
AAA17207

REACTIVITY
Human

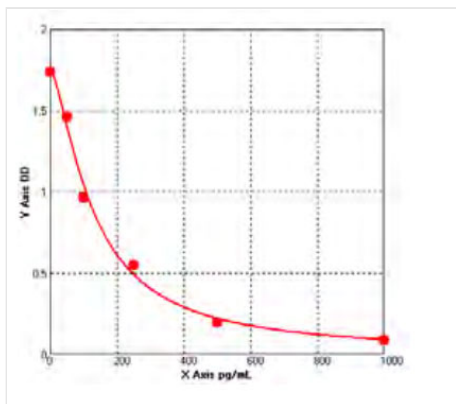
PRODUCT SYNONYMS

Intact Fibroblast Growth Factor 23; Human Intact Fibroblast Growth Factor 23 ELISA Kit; IFGF 23 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of iFGF-23. No significant cross-reactivity or interference between iFGF-23 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between iFGF-23 and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	1.0 pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for iFGF 23 elisa kit	Principle of the Assay: iFGF-23 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-iFGF-23 antibody and an iFGF-23-HRP conjugate. The assay sample and buffer are incubated together with iFGF-23-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the iFGF-23 concentration since iFGF-23 from samples and iFGF-23-HRP conjugate compete for the anti-iFGF-23 antibody binding site. Since the number of sites is limited, as more sites are occupied by iFGF-23 from the sample, fewer sites are left to bind iFGF-23-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The iFGF-23 concentration in each sample is interpolated from this standard curve. Intended Uses: This iFGF-23 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human iFGF-23. This ELISA kit for research use only, not for therapeutic or diagnostic applications!
Product Categories/Family for iFGF 23 elisa kit	Cancer

NCBI AND UNIPROT INFORMATION

NCBI GI #	9964292
NCBI GeneID	8074
Molecular Weight	27,954 Da
NCBI Official Full Name	FGF23
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; phosphatonin; tumor-derived hypophosphatemia inducing factor
UniProt Protein Name	Fibroblast growth factor 23
UniProt Gene Name	FGF23
UniProt Synonym Gene Names	HYPF; UNQ3027/PRO9828; 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/ifgf-23-human-elisa-kits/intact-fibroblast-growth-factor-23/17207>