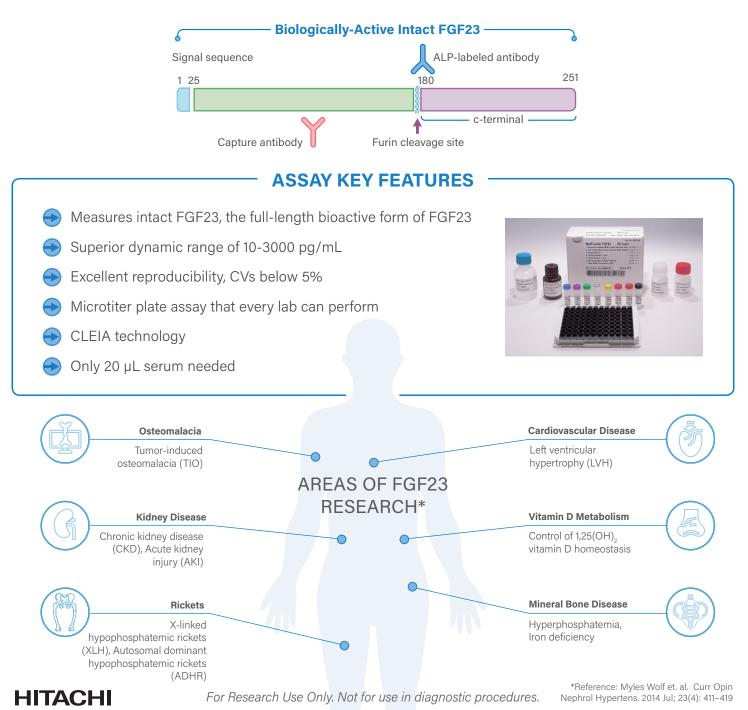


# **MedFrontier® FGF23 Intact**

Intact Fibroblast Growth Factor 23

The better choice to measure the biologically active form of FGF23. The MedFrontier<sup>®</sup> FGF23 Intact assay kit is a reliable, reproducible, and accurate serum blood test delivering optimum results quickly.



## CHEMILUMINESCENCE ENZYME IMMUNOASSAY (CLEIA)

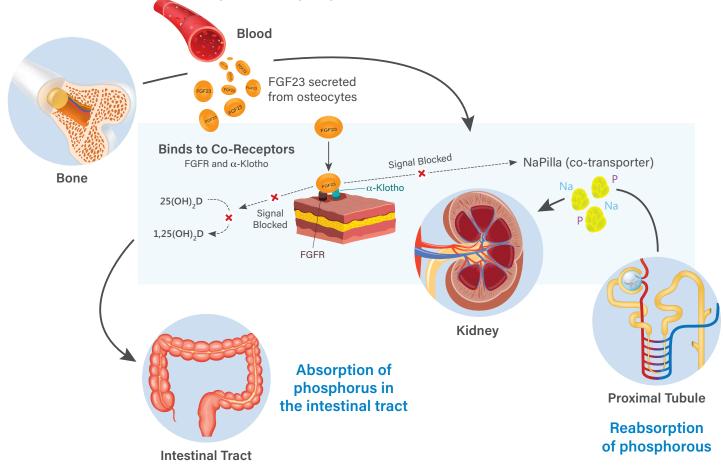
- CLEIA known for better sensitivity, specificity, reliability and reproducibility
- Serum intact FGF23 concentration determined using CLEIA
- Antibody-coated microtiter plate configuration 😑 Use of two mouse monoclonal antibodies for easy use
  - measures only intact FGF23

## **ASSAY PERFORMANCE / ACCURACY & REPRODUCIBILITY**

Intact FGF23 Concentration in Serum (pg/mL)	Expected Value (pg/mL)	Measured Value (pg/mL)	Accuracy (%)	Reproducibility (CV : N=10)
Low	22.8	22.7	99.6	3.1%
Medium	249.9	271.6	108.7	1.4%
High	1828.8	1946.3	106.4	2.4%

### INTACT FGF23 AND VITAMIN D REGULATE PHOSPHATE HOMEOSTASIS

Intact FGF23 is the biologically active protein encoded by the FGF23 gene responsible for phosphate and Vitamin D metabolism.



#### **@Hitachi Chemical Diagnostics Systems Co., Ltd.**

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