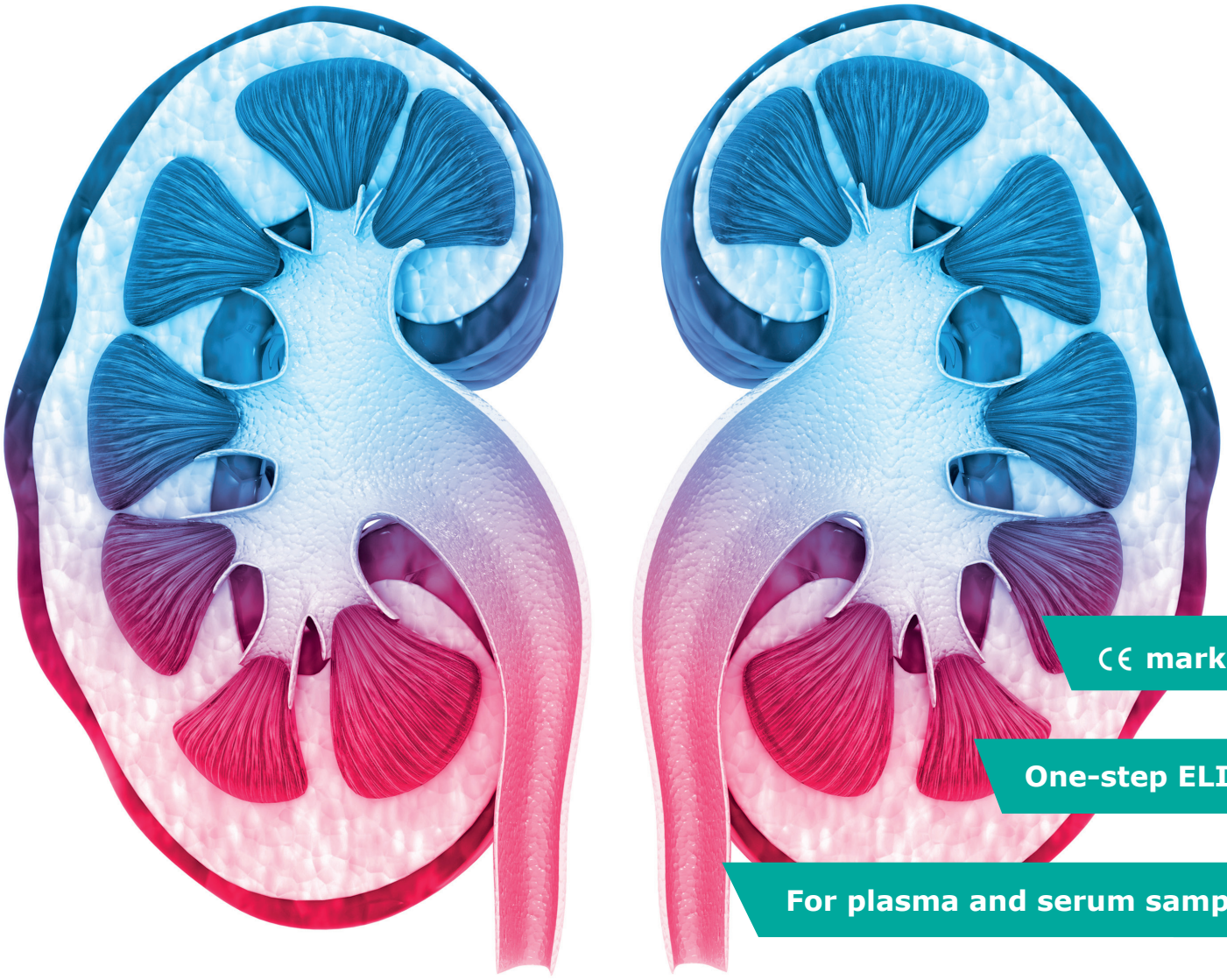
FGF23 (intact) human **ELISA**

BIOMEDICA



CE marked!

One-step ELISA

For plasma and serum samples

Correlates with existing methods

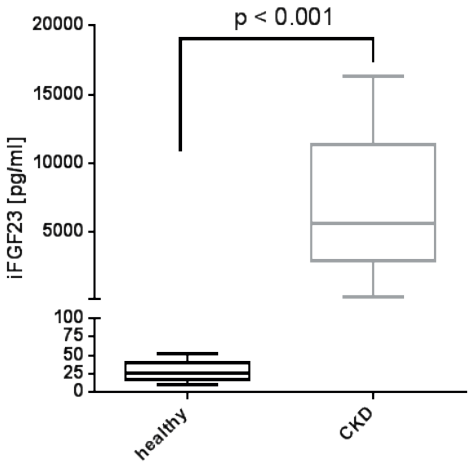
Setting the **standard** for **clinical** research.

FGF23 (INTACT) HUMAN ELISA (CAT.NO. BI-20700)* CE

Features and Benefits

- RELIABLE and FULLY VALIDATED for plasma samples – according to ICH Q2
- FAST ONE-STEP ELISA – only 3.5 h total incubation time
- PLASMA-BASED STANDARDS and CONTROLS INCLUDED – for biologically reliable data
- CHARACTERIZED MONOCLONAL ANTIBODIES – high specificity and sensitivity guaranteed
- COMPARABLE RESULTS – correlates with existing methods

The FGF23 (intact) ELISA **reliably measures intact FGF23 concentrations** in samples of healthy individuals and in patient samples with elevelated iFGF23 levels.

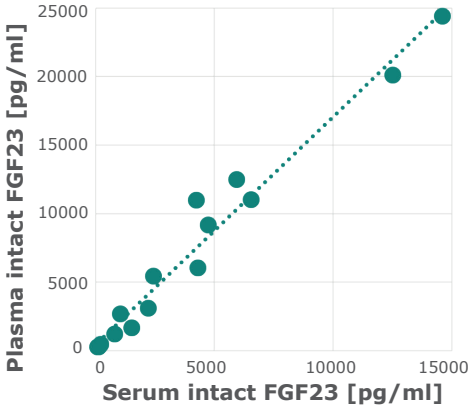


Intact FGF23 (iFGF23) plasma levels in samples from chronic kidney disease (CKD) patients (n=18) are significantly elevated compared with samples of apparently healthy individuals (n=22).
Mann-Whitney-U Test; p < 0.001.

Values for apparently healthy individuals

Median EDTA plasma (n=22): 24.4 pg/ml
Median heparin plasma (n=22): 26.4 pg/ml
Median citrate plasma (n=22): 17.4 pg/ml
Median serum (n=22): 14.9 pg/ml

Intact FGF23 measurements are **highly correlated in serum and plasma**.



Intact FGF23 (iFGF23) levels measured in serum and plasma samples from chronic kidney disease (CKD) patients (n=16) are highly correlated (R= 0.9835).

Assay Characteristics

- Method: Sandwich ELISA, HRP/TMB, 12x8-well strips
- Sample type: Plasma (EDTA, heparin, citrate), serum, urine, cell culture supernatant*
- Sample volume: 50 µl / test
- Assay time: 3.5 h
- Sensitivity: 5.4 pg/ml
- Standard range: 0 to 1600 pg/ml (7 standards and 2 controls in a human plasma matrix)
- Specificity: Endogenous and recombinant human intact FGF23
- Precision: Within-run (n=3): ≤ 8% CV

* This ELISA is optimized and validated for human plasma samples. Serum, urine and cell culture supernatant are compatible with this ELISA. More information and full validation report are available at www.bmgrp.com

Related Biomedica Products

- FGF23 (C-terminal) multi-matrix ELISA, Cat.No. BI-20702
- Sclerostin ELISA, Cat.No. BI-20492
- Bioactive Sclerostin ELISA, Cat.No. BI-20472
- Human Endostatin ELISA, Cat.No. BI-20742

iFGF23-201909 *Not for sale in the United States.

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