



**THE BONE MARKER
ELISA PRODUCTS**

BIOMEDICA

EPITOPE-MAPPED ANTIBODIES

SERUM BASED CALIBRATORS & CONTROLS

VALIDATED ACCORDING TO ICH AND FDA GUIDELINES

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



DKK-1 · free sRANKL · OPG · Periostin · SEMA4D · NRP-1

Dickkopf-1 (DKK-1) ELISA (BI-20413)

Method	Sandwich ELISA, HRP/TMB
Sample type	Serum, cc supernatants
Sample size	20 µl / test, 12x8 tests
Standard range	0 – 160 pmol/l
Detection limit	1.7 pmol/l
Assay time	3.5 h
Use	CE marked – for IVD use in the EU
References	100+

Free soluble RANKL ELISA (BI-20462)

Method	Sandwich ELISA, HRP/TMB
Sample type	Serum, plasma (heparin)
Sample size	150 µl / test, 12x8 tests
Standard range	0 – 2 pmol/l
Detection limit	0.01 pmol/l
Assay time	Overnight assay
Use	CE marked – for IVD use in the EU
References	100+

Osteoprotegerin (OPG) ELISA (BI-20403)

Method	Sandwich ELISA, HRP/TMB
Sample type	Serum, plasma
Sample size	20 µl / test, 12x8 tests
Standard range	0 – 20 pmol/l
Detection limit	0.07 pmol/l
Assay time	5.5 h
Use	CE marked – for IVD use in the EU
References	100+

Periostin ELISA (BI-20433)

Method	Sandwich ELISA, HRP/TMB
Sample type	Serum, plasma, urine, cc supernatants
Sample size	10 µl / test, 12x8 tests
Standard range	0 – 4000 pmol/l
Detection limit	20 pmol/l
Assay time	5.5 h
Use	Research use only
References	11

Periostin mouse ELISA (BI-20433MS)

Method	Sandwich ELISA, HRP/TMB
Sample type	Serum, plasma, cc supernatants
Sample size	≤5 µl / test, 12x8 tests
Standard range	0 – 16 nmol/l
Detection limit	0.003 nmol/l
Assay time	4.5 h
Use	Research use only
References	11

Soluble Semaphorin 4D ELISA (BI-20405)

Method	Sandwich ELISA, HRP/TMB
Sample type	Plasma
Sample size	10 µl / test, 12x8 tests
Standard range	0 – 2000 pmol/l
Detection limit	12 pmol/l
Assay time	4.5 h
Use	Research use only
References	4

Total soluble Neuropilin-1 ELISA (BI-20409)

Method	Sandwich ELISA, HRP/TMB
Sample type	Serum, plasma
Sample size	10 µl / test, 12x8 tests
Standard range	0 – 12 nmol/l
Detection limit	0.09 nmol/l
Assay time	4 h
Use	Research use only
References	2

Sclerostin ELISA (BI-20492)

Method	Sandwich ELISA, HRP/TMB
Sample type	Serum, plasma (EDTA, heparin), urine, cc supernatants
Sample size	20 µl / test, 12x8 tests
Standard range	0 – 240 pmol/l
Detection limit	3.2 pmol/l
Assay time	Overnight assay
Use	Research use only
References	100+

Bioactive Sclerostin ELISA (BI-20472)

Method	Sandwich ELISA, HRP/TMB
Sample type	Serum, plasma (EDTA, citrate), urine, cc supernatants
Sample size	20 µl / test, 12x8 tests
Standard range	0 – 320 pmol/l
Detection limit	1.9 pmol/l
Assay time	3.5 h
Use	Research use only
References	2

Sclerostin · FGF23 · VEGF · IL-6 · LRG-1 · Klotho · osteomiR™

FGF23 (C-terminal) ELISA (BI-20702)

Method	Sandwich ELISA, HRP/TMB
Sample type	Serum, plasma
Sample size	50 µl / test, 12x8 tests
Standard range	0 – 20 pmol/l
Detection limit	0.08 pmol/l
Assay time	Overnight assay
Use	CE marked – for IVD use in the EU
References	17

FGF23 (intact) ELISA (BI-20700)

Method	Sandwich ELISA, HRP/TMB
Sample type	Plasma, serum
Sample size	50 µl / test, 12x8 tests
Standard range	0 – 1600 pg/ml
Detection limit	5.4 pg/ml
Assay time	3 h / 30 min
Use	CE marked – for IVD use in the EU
References	2

VEGF ELISA (BI-VEGF)

Method	Sandwich ELISA, HRP/TMB
Sample type	Serum, plasma (EDTA, heparin, citrate), cell culture supernatants
Sample size	10 µl / test, 12x8 tests
Standard range	0 – 2000 pg/l
Assay time	4.5 h
Use	Research use only

IL-6 ELISA (BI-IL6)

Method	Sandwich ELISA, HRP/TMB
Sample type	Serum, plasma (EDTA, heparin)
Sample size	100 µl / test, 12x8 tests
Standard range	0 – 200 pg/l
Assay time	4.5 h
Use	Research use only

LRG-1 ELISA (BI-LRG1)

Method	Sandwich ELISA, HRP/TMB
Sample type	Serum, plasma (EDTA, heparin, citrate)
Sample size	100 µl / test, 12x8 tests (diluted 1:4000)
Standard range	0 – 64 ng/l
Assay time	3.5 h
Use	Research use only

Fluobolt™ Klotho FIA (FY-FIA-1704)

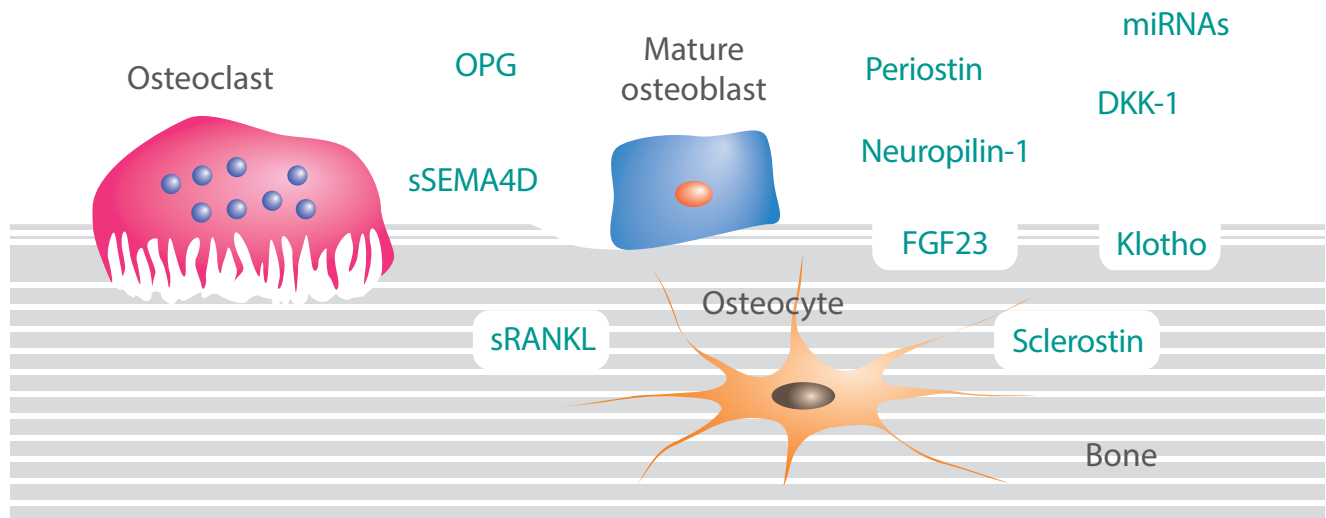
Method	Metal Enhanced Direct Sandwich Fluorescence Immunoassay
Sample type	Serum, plasma
Sample size	10 µl / test, 96 tests
Standard range	0 – 400 pmol/l
Detection limit	2.5 pmol/l
Assay time	Overnight assay
Use	CE marked – for IVD use in the EU

osteomiR™ -Fracture-Risk miRNA Biomarkers (TW-KT-011-OT)

Method	RT-qPCR, relative quantification without standard curve
Sample type	Serum, plasma (EDTA)
Sample size	200 µl / test, 48 tests
Detection limit	10 copies / µl
Assay time	8 hours
Use	Research use only

Setting the standard for clinical research.

Bone Cells and Secreted Biomarkers



Analytical Testing Service

- ✓ High-quality services
- ✓ Experienced, trained staff
- ✓ Comprehensive results report
- ✓ Expert sample handling

Biomedica offers a comprehensive testing service for all our proprietary ELISAs.

As an experienced ELISA assay developer and manufacturer located in the heart of Europe, our staff contribute to every step in the making of our ELISAs, thereby gaining a unique understanding of the assays' performance.

Using our analytical customized testing service, even customers without access to a fully equipped laboratory or skilled staff are able to obtain reliable biomarker results from samples of both human and animal origin.