

**bioactive
SCLEROSTIN ELISA**

BIOMEDICA

NEW ASSAY!

EPITOPE-MAPPED ANTIBODIES

SPECIFIC FOR BIOACTIVE SCLEROSTIN

FULLY VALIDATED FOR CLINICAL SAMPLES

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



bioactive SCLEROSTIN ELISA (Cat.No. BI-20472) - NEW ASSAY!

SCLEROSTIN: A REGULATORY MARKER OF BONE TURNOVER

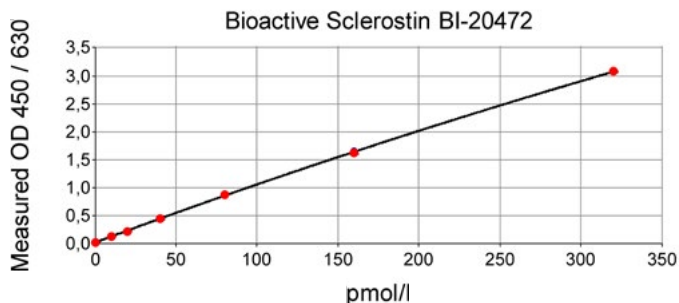
Features and Benefits

- Fully validated for clinical samples
- Highly specific – capture antibody directed against Sclerostin's bioactive site
- 7 standards + 2 controls (all in human serum matrix!)
- 20 µl sample volume only!
- Day-test
- Convenient ready-to-use protocol

Assay Characteristics

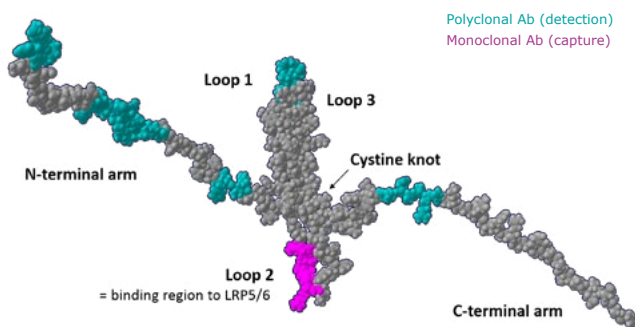
- Method: Sandwich ELISA, HRP/TMB
- Sample type: Serum, plasma (citrate, EDTA, heparin)
- Sample size: 20 µl / test
- Standard range: 0 – 320 pmol/l
- Detection limit: 1.9 pmol/l
- Incubation: 2 h / 1 h / 30 min (room temperature)
- Unit conversion: 1 pg/ml = 0.044 pmol/l (MW: 22.5 kDa)

Typical Standard Curve



Protocols available for
urine and cc supernatant

Binding Sites of Capture and Detection Antibody



Sclerostin protein structure with the marked binding site of the monoclonal capture antibody in loop 2 (mAb, pink) and the five linear epitopes of the polyclonal detection antibody (pAb, turquoise) distributed throughout the protein.

Related Biomedica Products

- DKK-1 ELISA, Cat.No. BI-20413
- FGF23 (C-terminal) ELISA, Cat.No. BI-20702
- soluble Semaphorin 4D ELISA, Cat.No. BI-20405
- OPG ELISA, Cat.No. BI-20403
- Free soluble RANKL ELISA, Cat.No. BI-20462
- total soluble Neuropilin ELISA, Cat.No. BI-20409