



[Go to Product page](#)

Datasheet for ABIN5510722

Sclerostin ELISA Kit

1 Image

Overview

Quantity: 96 tests

Target: Sclerostin (SOST)

Binding Specificity: AA 29-213

Reactivity: Rat

Method Type: Sandwich ELISA

Application: ELISA

Product Details

Purpose: Sandwich High Sensitivity ELISA kit for Quantitative Detection of Rat Sclerostin/SOST

Brand: PicoKine™

Analytical Method: Quantitative

Detection Method: Colorimetric

Specificity: Expression system for standard: NSO
Immunogen sequence: F29-Y213

Cross-Reactivity (Details): There is no detectable cross-reactivity with other relevant proteins.

Target Details

Target: Sclerostin (SOST)

Alternative Name: Sost ([SOST Products](#))

Background: Protein Function: Negative regulator of bone growth that acts through inhibition of Wnt

Target Details

signaling and bone formation. .

Background: Sclerostin is a protein that in humans is encoded by the SOST gene. It is a secreted glycoprotein with a C-terminal cysteine knot-like (CTCK) domain and sequence similarity to the DAN (differential screening-selected gene aberrative in neuroblastoma) family of bone morphogenetic protein (BMP) antagonists. Additionally, Sclerostin is produced by the osteocyte and has anti-anabolic effects on bone formation. The SOST gene maps to chromosome 17q12-q21.

Synonyms: Sclerostin,Sost,

Full Gene Name: Sclerostin

Cellular Localisation: Secreted.

UniProt: [Q99P67](#)

Application Details

Plate: Pre-coated

Restrictions: For Research Use only

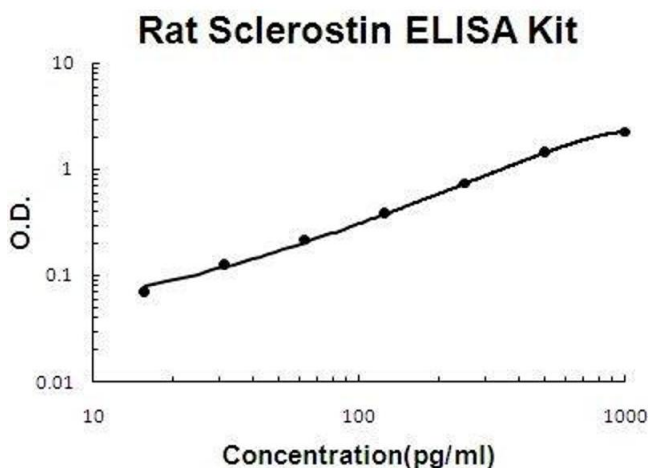
Handling

Storage: 4 °C,-20 °C

Storage Comment: Store at 4°C for 6 months, at -20°C for 12 months. Avoid multiple freeze-thaw cycles(Shipped with wet ice.)

Expiry Date: 12 months

Images



ELISA

Image 1. Rat Sclerostin/SOST PicoKine ELISA Kit standard curve