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Datasheet for ABIN6719958 Sclerostin ELISA Kit



Overview

Quantity:	1 kit
Target:	Sclerostin (SOST)
Reactivity:	Mouse
Method Type:	Sandwich ELISA
Detection Range:	15.6 pg/mL - 1000 pg/mL
Minimum Detection Limit:	15.6 pg/mL
Application:	ELISA

Product Details

Purpose:	Sandwich ELISA for Quantitative Detection of Antigen
Sample Type:	Cell Culture Supernatant, Plasma (EDTA - heparin), Serum
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Characteristics:	Synonyms: BEER, CDD, Cortical hyperostosis with syndactyly, Sclerosteosis, Sclerostin, SOST, SOST_HUMAN, UNQ2976/PR07455/PR07476, VBCH Background: Sclerostin is a protein that in humans is encoded by the SOST gene. Sclerostin 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. Sclerostin is produced by the osteocyte and has anti-anabolic effects on bone formation. The SOST gene maps to chromosome 17q12-q21
	Gene Name: SOST

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Target Details

Target:	Sclerostin (SOST)
Alternative Name:	Sclerostin - SOST (SOST Products)
Gene ID:	74499
NCBI Accession:	NP_077769
UniProt:	Q99P68

Application Details

Application Notes:	Application Note: Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot
	0.1 mL per well of the 1000pg/mL, 500pg/mL, 250pg/mL, 125pg/mL, 62.5pg/mL, 31.2pg/mL,
	15.6pg/mL mouse Sclerostin standard solutions into the precoated 96-well plate. Add 0.1 mL of
	the sample diluent buffer into the control well (Zero well). Add 0.1 mL of each properly diluted
	sample of mouse cell culture supernates, serum or plasma(heparin, EDTA) to each empty well
	It is recommended that each mouse Sclerostin standard solution and each sample be
	measured in duplicate.
	Blood Product Anticoagulant: Heparin Sodium
	ELISA Dilution: 15.6pg/mL-1000pg/mL
Sample Volume:	100 µL
Plate:	Pre-coated
Restrictions:	For Research Use only
Handling	
Storage:	RT,4 °C,-20 °C
Storage Comment:	Store vials at 4°C prior to opening. Centrifuge product if not completely clear after standing at
	room temperature. This product is stable for 6 months at 4°C as an undiluted liquid. Dilute only
	prior to immediate use. For extended storage freeze at -20°C or below for 12 months. Avoid
	cycles of freezing and thawing.

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