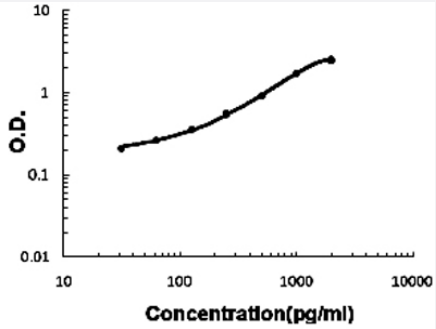
SOST (Human) ELISA Kit

Catalog # KA5079 Size 1 Kit

Applications



The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.

Specification

Product Description	SOST (Human) ELISA Kit is a sandwich enzyme-linked immunosorbent assay for the quantitative measurement of human SOST.
Suitable Sample	Cell Culture Supernatant, Cell Lysates, Plasma (EDTA, Heparin), Serum
Sample Volume	100 uL
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	31.2 to 2000 pg/mL
Reactivity	Human
Regulatory Status	For research use only (RUO)
Quality Control Testing	Standard curve The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.
Storage Instruction	Store at 4°C for 6 months, at -20°C for 12 months. Avoid multiple freeze-thaw cycles.

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Applications

- Quantification

Gene Info — SOST

Entrez GeneID	50964
Protein Accession#	Q9BQB4
Gene Name	SOST
Gene Alias	VBCH
Gene Description	sclerosteosis
Omim ID	239100 269500 605740
Gene Ontology	Hyperlink
Gene Summary	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. Loss-of-function mutations in this gene are associated with an autosomal-recessive disorder, sclerosteosis, which causes progressive bone overgrowth. A deletion downstream of this gene, which causes reduced sclerostin expression, is associated with a milder form of the disorder called van Buchem disease. [provided by RefSeq
Other Designations	sclerostin

Disease

- Fractures
- Genetic Predisposition to Disease
- Hip Fractures
- Obesity
- Osteoarthritis
- Osteoporosis
- Spinal Fractures
- Spinal Injuries

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- Wounds and Injuries

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