

Human sclerosteosis ELISA Kit | SOST elisa kit

Human Sclerostin, SOST ELISA Kit

CATALOG #
AAA80195

REACTIVITY
Human

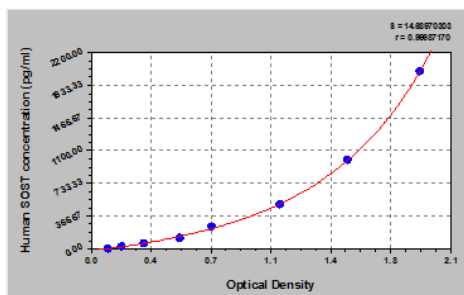
PRODUCT SYNONYMS

sclerosteosis; Human Sclerostin; SOST ELISA Kit; Human Sclerostin (SOST) ELISA Kit; VBCH; sclerostin; SOST elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human SOST. No significant cross-reactivity or interference between Human SOST and analogues was observed.
Sequence Length	213
Samples	Serum, plasma, tissue homogenates
Assay Type	Sandwich
Detection Range	31.25 pg/ml-2000 pg/ml
Sensitivity	7.8 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Protein Biological Process 1	Signaling Pathway
Protein Biological Process 3	Wnt signaling pathway
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SOST elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for SOST has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SOST present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SOST is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of SOST bound in the initial step. The color development is stopped and the intensity of the color is measured.
--	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	13376846
NCBI GeneID	50964
NCBI Accession #	NP_079513.1
NCBI GenBank Nucleotide #	NM_025237.2
UniProt Accession #	Q9BQB4; Q495N9
Molecular Weight	24,031 Da
NCBI Official Full Name	sclerostin
NCBI Official Synonym Full Names	sclerostin
NCBI Official Symbol	SOST
NCBI Official Synonym Symbols	CDD; VBCH; SOST1
NCBI Protein Information	sclerostin
UniProt Protein Name	Sclerostin
UniProt Gene Name	SOST
UniProt Synonym Gene Names	UNQ2976/PRO7455/PRO7476
UniProt Entry Name	SOST_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/sost-human-elisa-kits/sclerosteosis/80195>