

Rat sclerosteosis ELISA Kit | SOST elisa kit

Rat Sclerostin, SOST ELISA Kit

CATALOG #
AAA112452

REACTIVITY
Rat

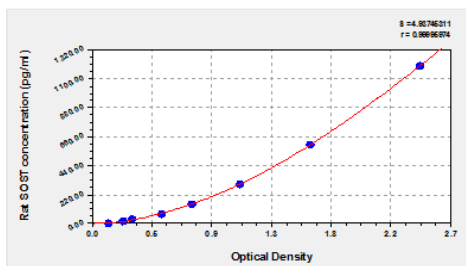
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of rat SOST. No significant cross-reactivity or interference between rat SOST and analogues was observed.
Sequence Length	213
Samples	Serum, plasma, tissue homogenates.
Assay Type	Sandwich
Detection Range	18.75 pg/ml -1200 pg/ml.
Sensitivity	4.68 pg/ml.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
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 #	13399334
NCBI GeneID	80722
NCBI Accession #	NP_085073.1
NCBI GenBank Nucleotide #	NM_030584.1
UniProt Accession #	Q99P67
Molecular Weight	23,974 Da
NCBI Official Full Name	sclerostin
NCBI Official Synonym Full Names	sclerostin
NCBI Official Symbol	Sost
NCBI Protein Information	sclerostin; sclerosteosis
UniProt Protein Name	Sclerostin
UniProt Gene Name	Sost
UniProt Entry Name	SOST_RAT

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.

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Online datasheet: <https://stage.aaabiotech.com/sost-rat-elisa-kits/sclerosteosis/112452>