

Mouse SOST (Sclerostin) ELISA Kit | SOST elisa kit

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CATALOG #
AAA251207

REACTIVITY
Mouse

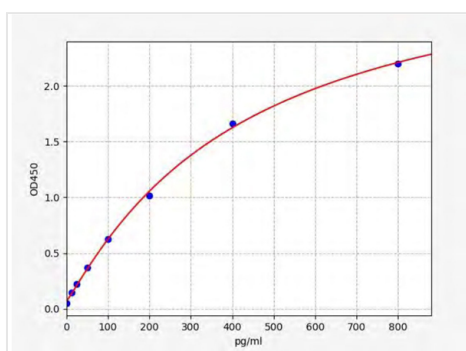
PRODUCT SYNONYMS

SOST (Sclerostin); Mouse SOST (Sclerostin) ELISA Kit; SOST; Sclerostin; SOST elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Specifically recognize SOST, no obvious cross reaction with other analogues
Assay Type	Sandwich
Samples	Serum, plasma, cell culture supernatant and other biological samples
Detection Range	12.5-800pg/ml
Sensitivity	7.5pg/ml
Intra-assay Precision	Intra-assay Precision: samples with low, medium and high concentration are tested 20 times on same plate.
Inter-assay Precision	Inter-assay Precision: samples with low, medium and high concentration are tested 20 times on three different plates.
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SOST elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti SOST antibody was pre-coated onto the 96-well plate. The biotin conjugated anti SOST antibody was used as the detection antibody. The standards and pilot samples were added to the wells subsequently. After incubation, unbound conjugates were removed by wash buffer. Then, biotinylated detection antibody was added to bind with SOST conjugated on coated antibody. After washing off unbound conjugates, HRP-Streptavidin was added. After a third washing, TMB substrates were added to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that turned yellow after adding a stop solution. Read the O.D. absorbance at 450nm in a microplate reader. The concentration of SOST in the sample was calculated by drawing a standard curve. The concentration of the target substance is proportional to the OD450 value.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	20140197
NCBI GeneID	74499
UniProt Accession #	Q99P68; Q9D3L7
Molecular Weight	23,443 Da
NCBI Official Full Name	Sclerostin
NCBI Official Synonym Full Names	sclerostin
NCBI Official Symbol	Sost
NCBI Official Synonym Symbols	5430411E23Rik
NCBI Protein Information	sclerostin
UniProt Protein Name	Sclerostin
UniProt Gene Name	Sost
UniProt Entry Name	SOST_MOUSE

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.