

Fish Superoxide Dismutase (SOD) ELISA kit | SOD elisa kit

Fish Superoxide Dismutase, SOD ELISA Kit

CATALOG #
AAA15781

REACTIVITY
Fish

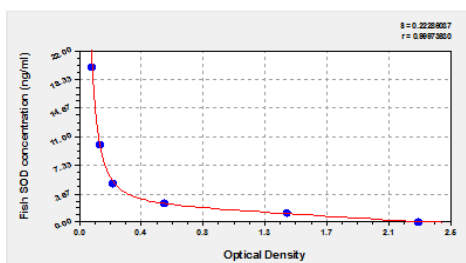
PRODUCT SYNONYMS

Superoxide Dismutase (SOD) ELISA kit; Fish Superoxide Dismutase; SOD ELISA Kit; Fish Superoxide Dismutase (SOD) ELISA kit; SOD elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Fish
Specificity	This assay has high sensitivity and excellent specificity for detection of fish SOD. No significant cross-reactivity or interference between fish SOD and analogues was observed.
Sequence Length	153
Assay Type	Competitive
Samples	Serum, plasma, tissue homogenates
Detection Range	1.25 ng/ml-20 ng/ml
Sensitivity	< 0.625 ng/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 SOD elisa kit

Principle of the Assay: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with an antibody specific to SOD. Standards or samples are added to the appropriate microtiter plate wells with Horseradish Peroxidase (HRP) conjugated SOD. The competitive inhibition reaction is launched between with HRP-conjugated SOD and SOD in samples. A substrate solution is added to the wells and the color develops in opposite to the amount of SOD in the sample. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	17136496
NCBI GeneID	39251
NCBI Accession #	NP_476735.1
NCBI GenBank Nucleotide #	NM_057387.5
NCBI Official Full Name	superoxide dismutase, isoform A
NCBI Official Synonym Full Names	Superoxide dismutase
NCBI Official Symbol	Sod
NCBI Official Synonym Symbols	CG11793; cSod; cSOD; Cu; Cu-Zn SOD; Cu/Zn sod; Cu/Zn SOD; Cu/Zn superoxide dismutase; Cu/ZnSOD; CuSOD; CuZn SOD; CuZn-SOD; CuZn-SOD1; CuZnSOD; Cu[2+]/Zn[2+]SOD; DmelCG11793; dSOD1; G; I(3)108; I(3)68Af; I(3)G; Mn SOD; sod; SOD; Sod-1; SOD-1; sod1; Sod1;
NCBI Protein Information	CG11793 gene product from transcript CG11793-RA; CG11793-PA; CG11793-PD; Cu, Zn superoxide dismutase; Cu-Zn superoxide dismutase; Cu/Zn superoxide dismutase; Cu/Zn-Superoxide dismutase; CuZn superoxide dismutase; CuZn-superoxide dismutase; CuZn-superoxide dismutase (SOD)1; CuZnSOD; Cu[2+] Zn[2+] superoxide dismutase; Cu[2+]Zn[2+] superoxide dismutase; Mn superoxide dismutase; Sod-PA; Sod-PD; complementation group G; copper and zinc SOD; copper-zinc superoxide; copper-zinc superoxide dismutase; cytoplasmic Cu/ZnSOD; super oxide dismutase; superoxidase dismutase; superoxide dismutase 1; superoxide dismutatase; superoxide-dismutase; superoxido dismutase; tetrazolium oxidase; tetrazolium oxidase-1

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://www.aaabiotech.com/fish-elisa-kits/superoxide-dismutase-sod-elisa-kit/15781>