

Rabbit Mitochondrial superoxide dismutase (MnSOD) ELISA Kit | MnSOD elisa kit

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CATALOG #
AAA121772

REACTIVITY
Rabbit

PRODUCT SYNONYMS

Mitochondrial superoxide dismutase (MnSOD); Rabbit Mitochondrial superoxide dismutase (MnSOD) ELISA Kit; MnSOD elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rabbit
Sequence Length	217
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05ng/ml - 20ng/ml
Sensitivity	0.026ng/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MnSOD elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rabbit Mitochondrial Superoxide Dismutase (also known as MnSOD) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rabbit MnSOD antibody. MnSOD present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rabbit MnSOD Antibody is added and binds to MnSOD in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated MnSOD antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Rabbit MnSOD. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	1147419525
NCBI GeneID	30986792
NCBI Accession #	XP_020073423.1
NCBI GenBank Nucleotide #	XM_020212396.1
Molecular Weight	24,104 Da
NCBI Official Full Name	mitochondrial superoxide dismutase, partial
NCBI Official Symbol	CYBJADRAFT_122077
NCBI Protein Information	mitochondrial superoxide dismutase
UniProt Protein Name	Superoxide dismutase
UniProt Gene Name	CYBJADRAFT_122077

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/rabbit-elisa-kits/mitochondrial-superoxide-dismutase-mnsod/121772>