

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

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CATALOG #
AAA121023

REACTIVITY
Rat

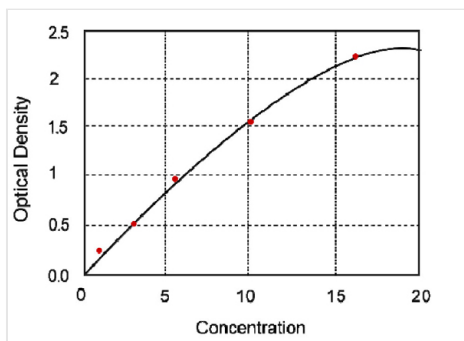
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	0.05-15ng/ml
Sensitivity	0.022ng/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. 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

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat MnSOD antibody. MnSOD present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat 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 Rat MnSOD. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Mitochondrial superoxide dismutase (also known as MnSOD) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.

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/rat-elisa-kits/mitochondrial-superoxide-dismutase-mnsod/121023>