

Total Superoxide Dismutase (T-SOD) Assay Kit | T-SOD assay kit

Total Superoxide Dismutase (T-SOD) assay kit (Hydroxylamine method)

CATALOG #
AAA172678

PRODUCT SYNONYMS

Total Superoxide Dismutase (T-SOD); Total Superoxide Dismutase (T-SOD) assay kit (Hydroxylamine method); T-SOD assay kit

PRODUCT SPECIFICATIONS

Specificity	100 assays (Can detect 50 samples without duplication)
Samples	Serum, plasma, urine, cells, cell culture supernatant and tissue samples
Detection Range	4.7-166 U/mL
Sensitivity	4.7 U/mL
Preparation and Storage	Reagent4: -20 degree C; Others: 2-8 degree C. Valid for 12 months.

ADDITIONAL INFORMATION

Related Product Information for T-SOD assay kit	Principle of the Assay: The superoxide anion free radical (O_2^-) can be produced by xanthine and xanthine oxidase reaction system, O_2^- oxidize hydroxylamine to form nitrite, it turn to purple under the reaction of developer. When the measured samples containing SOD, the SOD can specifically inhibit superoxide anion free radical (O_2^-). The inhibitory effect of SOD can reduce the formation of nitrite, the absorbance value of sample tube is lower than control tube. Calculate the SOD of sample according to the computational formula.
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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/assay-kits/total-superoxide-dismutase-t-sod/172678>