

Rat Superoxide dismutase ELISA Kit | Cu/Zn-SOD/SOD1 elisa kit

Rat Superoxide dismutase [Cu-Zn] (Cu/Zn-SOD/SOD1) ELISA Kit

CATALOG #
AAA180744

REACTIVITY
Rat

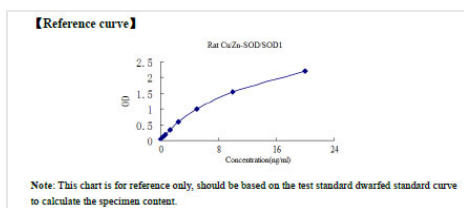
PRODUCT SYNONYMS

Superoxide dismutase; Rat Superoxide dismutase [Cu-Zn] (Cu/Zn-SOD/SOD1) ELISA Kit; Cu/Zn-SOD/SOD1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	No cross-reaction with other factors.
Sequence Length	204
Samples	Rat serum, plasma or cell culture supernatant and organizations in the natural and recombinant Cu/Zn-SOD/SOD1 concentration.
Assay Type	Sandwich
Detection Range	20 ng/ml-0.312 ng/ml
Sensitivity	0.06 ng/ml.
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Cu/Zn-SOD/SOD1 elisa kit

Principle of the Assay||This experiment use double-sandwich elisa technique and the ELISA Kit provided is typical. The pre-coated antibody is Rat Cu/Zn-SOD/SOD1 monoclonal antibody and the detecting antibody is polyclonal antibody with biotin labeled. Samples and biotin labeling antibody are added into ELISA plate wells and washed out with PBS or TBS. Then Avidin-peroxidase conjugates are added to ELISA wells in order; Use TMB substrate for coloring after reactant thoroughly washed out by PBS or TBS. TMB turns into blue in peroxidase catalytic and finally turns into yellow under the action of acid. The color depth and the testing factors in samples are positively correlated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

217184

Molecular Weight	22,905 Da
NCBI Official Full Name	superoxide dismutase
UniProt Protein Name	Superoxide dismutase [Mn]
UniProt Gene Name	sodA
UniProt Entry Name	SODM_THEAQ

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/cu-zn-sod-sod1-rat-elisa-kits/superoxide-dismutase/180744>