

Human Superoxide Dismutases (SOD) ELISA Kit | SOD elisa kit

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CATALOG #
AAA12574

REACTIVITY
Human

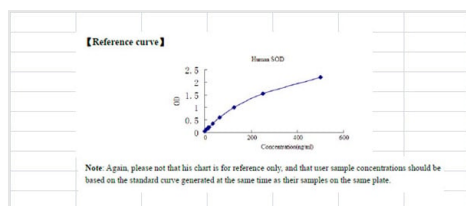
PRODUCT SYNONYMS

Superoxide Dismutases (SOD); Human Superoxide Dismutases (SOD) ELISA Kit; SOD elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	142
Samples	Human serum, plasma or cell culture supernatant
Assay Type	Quantitative Sandwich
Detection Range	500 ng/ml-7.8 ng/ml
Sensitivity	Up to 1 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 SOD elisa kit

Principle of the Assay: As mentioned above, this kit utilizes the Double Antibody Sandwich ELISA technique. The pre-coated antibody is an anti-Human SOD monoclonal antibody, while the detection antibody is a biotinylated polyclonal antibody. Samples and biotinylated antibodies are added into ELISA plate wells and washed out with PBS or TBS after their respective additions to the wells. Then Avidin-peroxidase conjugates are added to the wells in after. TMB substrate is used for coloration after the enzyme conjugate has already been thoroughly washed out of the wells by PBS or TBS. TMB reacts to form a blue product from the peroxidase activity, and finally turns to yellow after addition of the stop solution (Color Reagent C). The color intensity and quantity of target analyte in the sample are positively correlated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	77417705
Molecular Weight	15,596 Da

NCBI Official Full Name	SOD, partial
UniProt Protein Name	Superoxide dismutase
UniProt Gene Name	SOD
UniProt Entry Name	Q38PL7_PONTR

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/human-elisa-kits/superoxide-dismutases-sod/12574>