

Human Super Oxidase Dimutase 1, SOD-1 ELISA Kit | SOD-1 elisa kit

Human Super Oxidase Dimutase 1, SOD-1 ELISA Kit

CATALOG #
AAA41352

REACTIVITY
Human

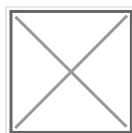
PRODUCT SYNONYMS

Super Oxidase Dimutase 1; SOD-1; Human Super Oxidase Dimutase 1; SOD-1 ELISA Kit; SOD-1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	24
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.5ng/ml - 180ng/ml
Sensitivity	0.24ng/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 SOD-1 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Super Oxidase Dimutase 1 (also known as SOD-1) 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 human SOD-1 antibody. SOD-1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human SOD-1 Antibody is added and binds to SOD-1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated SOD-1 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 human SOD-1. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	591403064
NCBI GeneID	6647

Molecular Weight	15,936 Da
NCBI Official Full Name	superoxide dismutase-1, partial
NCBI Official Synonym Full Names	superoxide dismutase 1
NCBI Official Symbol	SOD1
NCBI Official Synonym Symbols	ALS; SOD; ALS1; IPOA; hSod1; HEL-S-44; homodimer
NCBI Protein Information	superoxide dismutase [Cu-Zn]
UniProt Protein Name	Superoxide dismutase [Cu-Zn]
UniProt Gene Name	SOD1
UniProt Synonym Gene Names	hSod1

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/super-oxidase-dimutase-1-sod-1/41352>