

Rat Superoxide dismutase ELISA Kit | Sod1 elisa kit

Rat Superoxide dismutase [Cu-Zn] ELISA Kit

CATALOG #
AAA310010

REACTIVITY
Rat

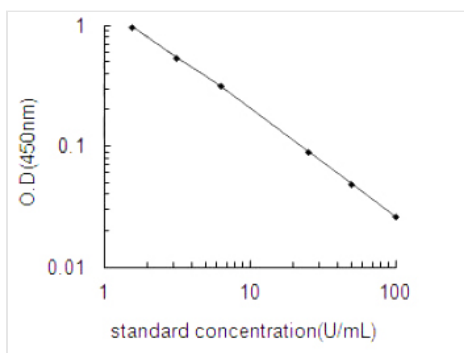
PRODUCT SYNONYMS

Superoxide dismutase; Rat Superoxide dismutase [Cu-Zn] ELISA Kit; Superoxide dismutase [Cu-Zn]; Sod1; 1.15.1.1; Sod1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay recognizes recombinant and natural rat rMCP-2. No significant cross-reactivity or interference was observed.
Samples	Serum, Plasma, Tissue Homogenates And Cell Culture Supernates And Other Biological Fluids
Detection Range	1.56 ng/ml-100 ng/ml.
Preparation and Storage	Store at 4 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Sod1 elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of rat rMCP-2 concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to rMCP-2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for rMCP-2 and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain rMCP-2, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of rMCP-2 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #

8394328

NCBI GeneID	24786
NCBI Accession #	NP_058746.1
NCBI GenBank Nucleotide #	NM_017050.1
UniProt Accession #	P07632
Molecular Weight	15,912 Da
NCBI Official Full Name	superoxide dismutase
NCBI Official Synonym Full Names	superoxide dismutase 1
NCBI Official Symbol	Sod1
NCBI Official Synonym Symbols	CuZnSOD
NCBI Protein Information	superoxide dismutase [Cu-Zn]
UniProt Protein Name	Superoxide dismutase [Cu-Zn]
UniProt Gene Name	Sod1

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/sod1-rat-elisa-kits/superoxide-dismutase/310010>