

Mouse Superoxide Dismutase 3, Extracellular (SOD3) RTU ELISA Kit | SOD3 rtu elisa kit

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CATALOG #
AAA218511

REACTIVITY
Mouse

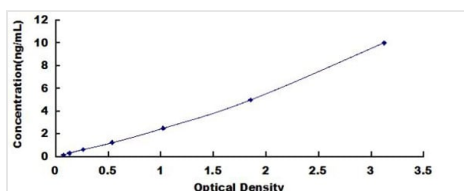
PRODUCT SYNONYMS

Superoxide Dismutase 3; Extracellular (SOD3); Mouse Superoxide Dismutase 3; Extracellular (SOD3) ELISA Kit; SOD-3; EC-SOD; Extracellular Superoxide Dismutase Cu-Zn; SOD3 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	251
Assay Type	Sandwich
Samples	Serum, Plasma, Tissue Homogenates, Cell Lysates, Cell Culture Supernates or Other Biological Fluids.
Detection Range	0.156-10ng/mL
Sensitivity	0.064ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SOD3 rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to SOD3. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to SOD3. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain SOD3, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of SOD3 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6755600
NCBI GeneID	20657
NCBI Accession #	NP_035565.1
NCBI GenBank Nucleotide #	NM_011435.3
UniProt Accession #	O09164
Molecular Weight	27,392 Da
NCBI Official Full Name	extracellular superoxide dismutase
NCBI Official Synonym Full Names	superoxide dismutase 3, extracellular
NCBI Official Symbol	Sod3
NCBI Official Synonym Symbols	EC-SOD; AI314465
NCBI Protein Information	extracellular superoxide dismutase [Cu-Zn]
UniProt Protein Name	Extracellular superoxide dismutase [Cu-Zn]
UniProt Gene Name	Sod3
UniProt Synonym Gene Names	EC-SOD

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/mouse-rtu-elisa-kits/superoxide-dismutase-3-extracellular-sod3/218511>