

Mouse NAD-dependent deacetylase sirtuin-3 ELISA Kit | Sirt3 elisa kit

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CATALOG #
AAA194766

REACTIVITY
Mouse

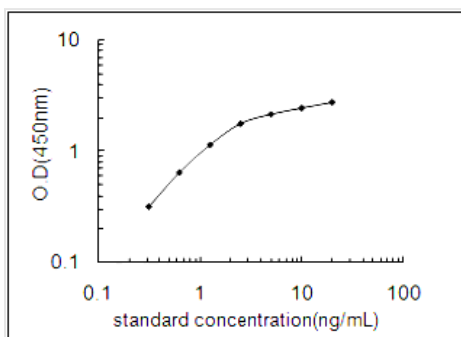
PRODUCT SYNONYMS

NAD-dependent deacetylase sirtuin-3; Mouse NAD-dependent deacetylase sirtuin-3 ELISA Kit; SIR2-like protein 3; mSIR2L3; Sirt3; Sir2l3; Sirt3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	257
Assay Type	Sandwich
Detection Range	0.312-20 ng/mL
Sensitivity	0.156 ng/mL
Intra-Assay CV	<=6.2%
Inter-Assay CV	<=8.9%
Recovery	100%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Sirt3 elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then 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 target antigen, 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 target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	188219522
NCBI GeneID	64384
NCBI Accession #	NP_001120823.1
NCBI GenBank Nucleotide #	NM_001127351.1
UniProt Accession #	Q8R104; Q9EPA8; B9W0A9; C6ZII7
Molecular Weight	28,822 Da
NCBI Official Full Name	NAD-dependent protein deacetylase sirtuin-3 isoform 1
NCBI Official Synonym Full Names	sirtuin 3
NCBI Official Symbol	Sirt3
NCBI Official Synonym Symbols	Sir2l3; AI848213; 2310003L23Rik
NCBI Protein Information	NAD-dependent protein deacetylase sirtuin-3
UniProt Protein Name	NAD-dependent protein deacetylase sirtuin-3
UniProt Gene Name	Sirt3
UniProt Synonym Gene Names	Sir2l3; mSIR2L3
UniProt Entry Name	SIR3_MOUSE

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/sirt3-mouse-elisa-kits/nad-dependent-deacetylase-sirtuin-3/194766>