

Mouse NAD-dependent deacetylase sirtuin-6 ELISA Kit | Sirt6 elisa kit

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CATALOG #
AAA23293

REACTIVITY
Mouse

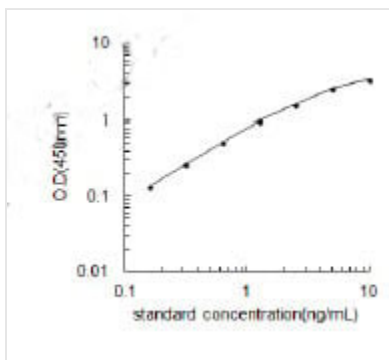
PRODUCT SYNONYMS

NAD-dependent deacetylase sirtuin-6; Mouse NAD-dependent deacetylase sirtuin-6 ELISA Kit; SIR2-like protein 6; Sirt6; Sir2l6; Sirt6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Recombinant and natural Mouse NAD-dependent deacetylase sirtuin-6
Sequence Length	334
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	0.156-10 ng/mL
Sensitivity	< 0.085 ng/mL
Intra-assay Precision	<=6.6%
Inter-assay Precision	<=8.8%
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 Sirt6 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 #	31712018
NCBI GeneID	50721
NCBI Accession #	NP_853617.1
NCBI GenBank Nucleotide #	NM_181586.3
UniProt Accession #	P59941
Molecular Weight	36,920 Da
NCBI Official Full Name	NAD-dependent protein deacetylase sirtuin-6 isoform 1
NCBI Official Synonym Full Names	sirtuin 6
NCBI Official Symbol	Sirt6
NCBI Official Synonym Symbols	Sir2I6; AI043036; 2810449N18Rik
NCBI Protein Information	NAD-dependent protein deacetylase sirtuin-6
UniProt Protein Name	NAD-dependent protein deacetylase sirtuin-6
UniProt Gene Name	Sirt6
UniProt Synonym Gene Names	Sir2I6
UniProt Entry Name	SIR6_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/sirt6-mouse-elisa-kits/nad-dependent-deacetylase-sirtuin-6/23293>