

Mouse NAD-dependent deacetylase sirtuin-1 ELISA Kit | Sirt1O elisa kit

Mouse NAD-dependent deacetylase sirtuin-1 ELISA Kit

CATALOG #
AAA56458

REACTIVITY
Mouse

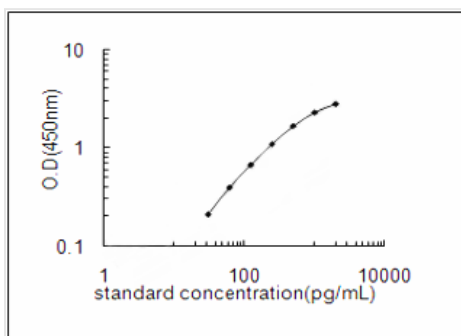
PRODUCT SYNONYMS

NAD-dependent deacetylase sirtuin-1; Mouse NAD-dependent deacetylase sirtuin-1 ELISA Kit; Sirt1O elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay recognizes recombinant and natural mouse NAD-dependent deacetylase sirtuin-1. No significant cross-reactivity or interference was observed.
Sequence Length	452
Assay Type	Sandwich
Detection Range	31.2-2000 pg/mL
Sensitivity	15.68 pg/mL
Intra-Assay CV	<=6.3%
Inter-Assay CV	<=7.6%
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 Sirt1O elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to NAD-dependent deacetylase sirtuin-1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for NAD-dependent deacetylase sirtuin-1 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 NAD-dependent deacetylase sirtuin-1, 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 NAD-dependent deacetylase sirtuin-1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	9790229
NCBI GeneID	93759
NCBI Accession #	NP_062786.1
NCBI GenBank Nucleotide #	NM_019812.3
UniProt Accession #	Q923E4; Q9QXG8
Molecular Weight	59,875 Da
NCBI Official Full Name	NAD-dependent protein deacetylase sirtuin-1 isoform 1
NCBI Official Synonym Full Names	sirtuin 1
NCBI Official Symbol	Sirt1
NCBI Official Synonym Symbols	Sir2; Sir2a; SIR2L1; AA673258; Sir2alpha
NCBI Protein Information	NAD-dependent protein deacetylase sirtuin-1
UniProt Protein Name	NAD-dependent protein deacetylase sirtuin-1
UniProt Gene Name	Sirt1
UniProt Synonym Gene Names	Sir2l1; Sir2; mSIR2a; 75SirT1
UniProt Entry Name	SIR1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/sirt1o-mouse-elisa-kits/nad-dependent-deacetylase-sirtuin-1/56458>