

Human NAD-dependent deacetylase sirtuin-1 ELISA Kit | SIRT1O elisa kit

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CATALOG #
AAA310204

REACTIVITY
Human

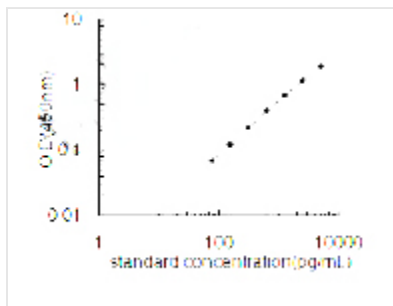
PRODUCT SYNONYMS

NAD-dependent deacetylase sirtuin-1; Human NAD-dependent deacetylase sirtuin-1 ELISA Kit; SIRT1O; hSIRT1; SIR2-like protein 1; hSIR2; SIRT1; SIR2L1; SIRT1O elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay recognizes recombinant and natural human SIRT1. No significant cross-reactivity or interference was observed.
Samples	Serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids
Detection Range	78.0 pg/mL -5000 pg/mL.
Preparation and Storage	Store at 4 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SIRT1O elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of human SIRT1 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 SIRT1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for SIRT1 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 SIRT1, 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 SIRT1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #

215982798

NCBI GeneID	23411
NCBI Accession #	NP_001135970.1
NCBI GenBank Nucleotide #	NM_001142498.1
UniProt Accession #	Q96EB6 ; Q2XNF6 ; Q5JVQ0 ; Q9GZR9 ; Q9Y6F0
Molecular Weight	61,066 Da
NCBI Official Full Name	NAD-dependent protein deacetylase sirtuin-1 isoform b
NCBI Official Synonym Full Names	sirtuin 1
NCBI Official Symbol	SIRT1
NCBI Official Synonym Symbols	SIR2; SIR2L1; 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; hSIRT1; hSIR2; 75SirT1

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-human-elisa-kits/nad-dependent-deacetylase-sirtuin-1/310204>