

Human SIRT1 (Sirtuin 1) ELISA Kit | SIRT1 elisa kit

Human SIRT1 (Sirtuin 1) ELISA Kit

CATALOG #
AAA278377

REACTIVITY
Human

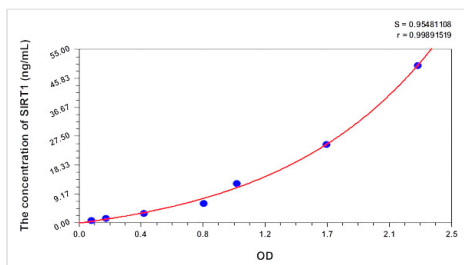
PRODUCT SYNONYMS

SIRT1 (Sirtuin 1); Human SIRT1 (Sirtuin 1) ELISA Kit; SIR2L1; Silent Mating Type Information Regulation 2 Homolog 1; NAD-Dependent Deacetylase Sirtuin-1; SIR2-like protein 1; SirtT1 75 kDa fragment; SIRT1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Assay Type	Sandwich
Samples	tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Detection Range	0.32-20ng/mL
Sensitivity	0.13ng/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SIRT1 elisa kit

Test Principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Human SIRT1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human SIRT1. 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 Human SIRT1, 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 +/- 10nm. The concentration of Human SIRT1 in the samples is then determined by comparing the OD of the samples to the standard curve.

Product Categories/Family for SIRT1 elisa kit

[Endocrinology](#)

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	81,681 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	SIR2L1
NCBI Protein Information	NAD-dependent protein deacetylase sirtuin-1; hSIR2; hSIRT1; SIR2alpha; sir2-like 1; sirtuin type 1; SIR2-like protein 1; regulatory protein SIR2 homolog 1; NAD-dependent deacetylase sirtuin-1
UniProt Protein Name	NAD-dependent protein deacetylase sirtuin-1
UniProt Gene Name	SIRT1
UniProt Synonym Gene Names	SIR2L1; hSIRT1; hSIR2; 75SirT1
UniProt Entry Name	SIR1_HUMAN

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/human-elisa-kits/sirt1-sirtuin-1/278377>