

Human Sirtuin 4 (SIRT4) RTU ELISA Kit | SIRT4 rtu elisa kit

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CATALOG #
AAA218434

REACTIVITY
Human

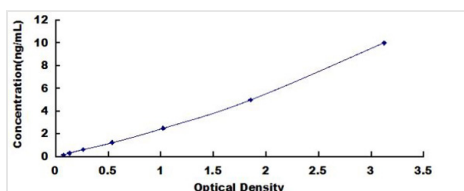
PRODUCT SYNONYMS

Sirtuin 4 (SIRT4); Human Sirtuin 4 (SIRT4) ELISA Kit; SIR2L4; Silent Mating Type Information Regulation 2 Homolog 4; SIR2-like protein 4; NAD-dependent protein deacetylase sirtuin-4; SIRT4 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	314
Assay Type	Sandwich
Samples	Serum, Plasma, Tissue Homogenates, Cell Lysates, Cell Culture Supernates or Other Biological Fluids.
Detection Range	0.156-10ng/mL
Sensitivity	0.051ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SIRT4 rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to SIRT4. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to SIRT4. 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 SIRT4, 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 $\pm$ 10nm. The concentration of SIRT4 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6912662
NCBI GeneID	23409
NCBI Accession #	NP_036372.1
NCBI GenBank Nucleotide #	NM_012240.2
UniProt Accession #	Q9Y6E7; O43346; Q32M33
Molecular Weight	35,188 Da
NCBI Official Full Name	NAD-dependent protein lipoamidase sirtuin-4, mitochondrial
NCBI Official Synonym Full Names	sirtuin 4
NCBI Official Symbol	SIRT4
NCBI Official Synonym Symbols	SIR2L4
NCBI Protein Information	NAD-dependent protein lipoamidase sirtuin-4, mitochondrial
UniProt Protein Name	NAD-dependent protein lipoamidase sirtuin-4, mitochondrial
UniProt Gene Name	SIRT4

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-rtu-elisa-kits/sirtuin-4-sirt4/218434>