

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

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CATALOG #
AAA43011

REACTIVITY
Human

PRODUCT SYNONYMS

Sirtuin 4 (SIRT4); Human Sirtuin 4 (SIRT4) ELISA Kit; SIRT4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	312
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.1ng/ml - 40ng/ml
Sensitivity	0.045ng/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SIRT4 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Sirtuin 4 (also known as SIRT4) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human SIRT4 antibody. SIRT4 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human SIRT4 Antibody is added and binds to SIRT4 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated SIRT4 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human SIRT4. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	28571445
NCBI GeneID	31480
NCBI Accession #	NP_572241.2
NCBI GenBank Nucleotide #	NM_132013.3
UniProt Accession #	Q8IRR5; Q9W4A1; D0IQB9
Molecular Weight	25,666 Da
NCBI Official Full Name	sirtuin 4, isoform C
NCBI Official Synonym Full Names	Sirtuin 4
NCBI Official Symbol	Sirt4
NCBI Official Synonym Symbols	CG3187; D.mel3; DmelCG3187; dmSRT407; dSIRT4
NCBI Protein Information	sirtuin 4
UniProt Protein Name	NAD-dependent protein deacylase Sirt4
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.

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Online datasheet: <https://www.aaabiotech.com/human-elisa-kits/sirtuin-4-sirt4/43011>