

Human Sirtuin 3 (SIRT3) ELISA Kit | SIRT3 elisa kit

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CATALOG #
AAA42483

REACTIVITY
Human

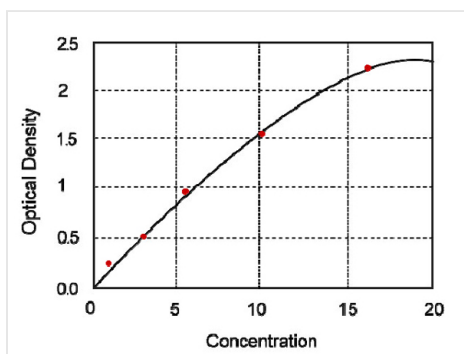
PRODUCT SYNONYMS

Sirtuin 3 (SIRT3); Human Sirtuin 3 (SIRT3) ELISA Kit; SIRT3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	257
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	0.1-40ng/ml
Sensitivity	0.051ng/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. 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 SIRT3 elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human SIRT3 antibody. SIRT3 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human SIRT3 Antibody is added and binds to SIRT3 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated SIRT3 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 SIRT3. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm. Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Sirtuin 3 (also known as SIRT3) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	157821285
NCBI GeneID	293615
NCBI Accession #	NP_001099783.1
NCBI GenBank Nucleotide #	NM_001106313.2
NCBI Official Full Name	NAD-dependent protein deacetylase sirtuin-3, mitochondrial
NCBI Official Synonym Full Names	sirtuin 3
NCBI Official Symbol	Sirt3
NCBI Protein Information	NAD-dependent protein deacetylase sirtuin-3, mitochondrial

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://stage.aaabiotech.com/human-elisa-kits/sirtuin-3-sirt3/42483>