

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

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CATALOG #
AAA120896

REACTIVITY
Rat

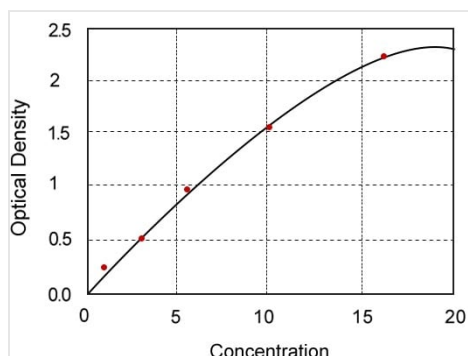
PRODUCT SYNONYMS

Sirtuin 1 (SIRT1); Rat Sirtuin 1 (SIRT1) ELISA Kit; SIRT1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	555
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.1ng/ml - 40ng/ml
Sensitivity	0.048ng/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 SIRT1 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Sirtuin 1 (also known as SIRT1) 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 Rat SIRT1 antibody. SIRT1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat SIRT1 Antibody is added and binds to SIRT1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated SIRT1 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 Rat SIRT1. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	15214730
NCBI GeneID	23411
Molecular Weight	61,066 Da
NCBI Official Full Name	SIRT1 protein
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.

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Online datasheet: <https://stage.aaabiotech.com/rat-elisa-kits/sirtuin-1-sirt1/120896>