

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

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CATALOG #
AAA120965

REACTIVITY
Rat

PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	257
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.1ng/ml - 40ng/ml
Sensitivity	0.04ng/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 SIRT3 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Sirtuin 3 (also known as SIRT3) 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 SIRT3 antibody. SIRT3 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat 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 Rat SIRT3. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	71060129
NCBI GeneID	64384
UniProt Accession #	Q4FJK3; Q8R104
Molecular Weight	28,822 Da
NCBI Official Full Name	Sirt3
NCBI Official Synonym Full Names	sirtuin 3
NCBI Official Symbol	Sirt3
NCBI Official Synonym Symbols	Sir2l3; AI848213; 2310003L23Rik
NCBI Protein Information	NAD-dependent protein deacetylase sirtuin-3
UniProt Protein Name	NAD-dependent protein deacetylase
UniProt Gene Name	Sirt3

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-3-sirt3/120965>