

Rat Sirtuin 6 (SIRT6) ELISA Kit | SIRT6 elisa kit

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CATALOG #
AAA121141

REACTIVITY
Rat

PRODUCT SYNONYMS

Sirtuin 6 (SIRT6); Rat Sirtuin 6 (SIRT6) ELISA Kit; SIRT6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	355
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.1ng/ml - 30ng/ml
Sensitivity	0.055ng/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 SIRT6 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Sirtuin 6 (also known as SIRT6) 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 SIRT6 antibody. SIRT6 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat SIRT6 Antibody is added and binds to SIRT6 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated SIRT6 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 SIRT6. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	48146517
NCBI GeneID	51548
UniProt Accession #	Q8N6T7; O75291; Q6IAF5; Q6PK99; Q8NCD2; Q9BSI5; Q9BWP3; Q9NRC7; Q9UQD1; B2RCD0
Molecular Weight	36,065 Da
NCBI Official Full Name	SIRT6
NCBI Official Synonym Full Names	sirtuin 6
NCBI Official Symbol	SIRT6
NCBI Official Synonym Symbols	SIR2L6
NCBI Protein Information	NAD-dependent protein deacetylase sirtuin-6
UniProt Protein Name	NAD-dependent protein deacetylase sirtuin-6
UniProt Gene Name	SIRT6
UniProt Synonym Gene Names	SIR2L6

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-6-sirt6/121141>