

Human sirtuin (silent mating type information regulation 2 homolog) 6 (S. cerevisiae) ELISA Kit | SIRT6 elisa kit

Human NAD-dependent deacetylase sirtuin-6, SIRT6/SIR2L6 ELISA Kit

CATALOG #
AAA80870

REACTIVITY
Human

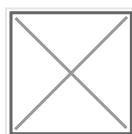
PRODUCT SYNONYMS

sirtuin (silent mating type information regulation 2 homolog) 6 (S. cerevisiae); Human NAD-dependent deacetylase sirtuin-6; SIRT6/SIR2L6 ELISA Kit; Human NAD-dependent deacetylase sirtuin-6 (SIRT6/SIR2L6) ELISA kit; SIR2L6; sir2-related protein type 6; sirtuin 6; sirtuin type 6; SIRT6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human SIRT6/SIR2L6. No significant cross-reactivity or interference between human SIRT6/SIR2L6 and analogues was observed.
Sequence Length	328
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, tissue homogenates
Detection Range	3.12 pg/ml-200 pg/ml
Sensitivity	< 0.78 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SIRT6 elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for SIRT6/SIR2L6 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SIRT6/SIR2L6 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SIRT6/SIR2L6 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of SIRT6/SIR2L6 bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	300797597
NCBI GeneID	51548
NCBI Accession #	NP_001180214.1
NCBI GenBank Nucleotide #	NM_001193285.1
UniProt Accession #	Q8N6T7; O75291; Q6IAF5; Q6PK99; Q8NCD2; Q9BSI5; Q9BWP3; Q9NRC7; Q9UQD1; B2RCD0
Molecular Weight	39,119 Da
NCBI Official Full Name	NAD-dependent protein deacetylase sirtuin-6 isoform 2
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; sirtuin type 6; SIR2-like protein 6; sir2-related protein type 6; regulatory protein SIR2 homolog 6; NAD-dependent deacetylase sirtuin-6
UniProt Protein Name	NAD-dependent protein deacetylase sirtuin-6
UniProt Gene Name	SIRT6
UniProt Synonym Gene Names	SIR2L6
UniProt Entry Name	SIR6_HUMAN

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/sirt6-human-elisa-kits/sirtuin-silent-mating-type-information-regulation-2-homolog-6-s-cerevisiae/80870>