

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

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CATALOG #
AAA282157

REACTIVITY
Human

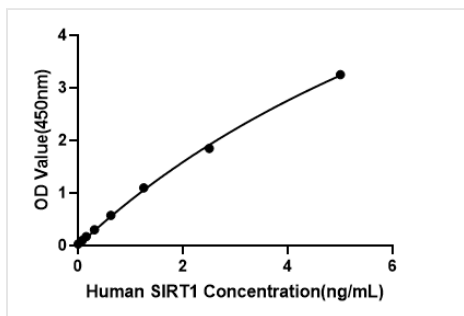
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay recognizes both recombinant and natural human SIRT1. The factors listed below were prepared at 50ng/mL and assayed for cross-reactivity. No significant cross-reactivity was observed.
Assay Type	Quantitative Sandwich
Sensitivity	< 0.04ng/mL
Intra-assay Precision	Intra-plate Precision 3 samples with low, middle and high level SIRT1 were tested 16 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-plate Precision 3 samples with low, middle and high level SIRT1 were tested on 3 different plates, 8 replicates in each plate. Inter-Assay: CV<15%
Preparation and Storage	Store unopened kit at 2-8 degree C for 1 week. If more than one week, please keep the components of the kit according to the instructions. Do not use past kit expiration date.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SIRT1 elisa kit

Background: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of SIRT1 in cell lysates, tissue homogenates and other biological fluids.

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. An antibody specific for human SIRT1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SIRT1 present is bound by the immobilized antibody. After washing away any unbound substances, and then a detection antibody specific for SIRT1 is added to the wells and binds to the combination of capture antibody SIRT1 in sample. Following a wash to remove any unbound combination, and enzyme conjugate is added to the wells. Following incubation and wash steps, a substrate solution is added to the wells and color develops in proportion to the amount of SIRT1 bound in the initial step. The color development is stopped and the absorbance is measured.

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-1-sirt1/282157>