

Sirtuin 1 (SIRT-1) Assay Kit | SIRT-1 assay kit

Sirtuin 1 (SIRT-1) Activity Assay Kit

CATALOG #
AAA179634

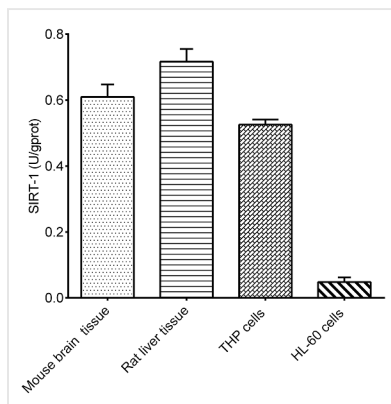
PRODUCT SYNONYMS

Sirtuin 1 (SIRT-1); Sirtuin 1 (SIRT-1) Activity Assay Kit; SIRT-1 assay kit

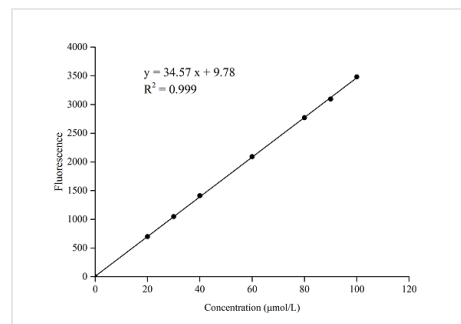
PRODUCT SPECIFICATIONS

Assay Type	Enzyme Activity
Samples	animal tissue, cell
Detection Range	0.03-9.66 U/L
Sensitivity	0.03 U/L
Detection Type	Fluorescence method
Detection Instrument	Fluorescence Microplate reader
Precision	Inter CV: 8.1-9.9% Intra CV: 3.0-5.0%
Research Area	Amino Acids and Proteins
Test Principle	This kit uses the fluorescence resonance energy transfer (FRET) method for detection. After deacetylation by SIRT-1, the fluorescent substrate generates an activated fluorescent substrate, which can be decomposed by proteases to produce fluorescent substances. The maximum excitation wavelength of fluorescent substances is 340 nm, and the maximum emission wavelength is 440 nm.
Preparation and Storage	This product can be stored at -20 degree C for 12 months with shading light. Shipping: Ice bag

IMAGES



Application Data



Application Data

ADDITIONAL INFORMATION

Product Categories/Family for SIRT-1 assay kit	Cell Metabolism Assays; Amino Acids and Proteins
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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/assay-kits/sirtuin-1-sirt-1/179634>