Datasheet for ABIN5661957

SIRT3 ELISA Kit

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Overview

Quantity:	96 tests
Target:	SIRT3
Reactivity:	Human
Method Type:	Competition ELISA
Detection Range:	2.5 ng/mL - 50 ng/mL
Minimum Detection Limit:	2.5 ng/mL
Application:	ELISA

Product Details

Analytical Method:	Quantitative
Detection Method:	Colorimetric
Sensitivity:	0.1 ng/mL
Components:	• Microtiter plate (96 wells stripwell) - 1 • Enzyme conjugate - 1 vial • Standard A - 1 vial • Standard B - 1 vial • Standard C - 1 vial • Standard D - 1 vial • Standard E - 1 vial • Standard F - 1 vial • Substrate A - 1 vial • Substrate B - 1 vial • Stop solution - 1 vial

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Product Details

	• Wash solution - 1 vial • Balance solution - 1 vial • Instruction manual - 1
Material not included:	• Precision pipettors and disposable tips to deliver 10-1000 µL. A multi-channel pipette is desirable for large assays. • 100 mL and 1 L graduated cylinders. • Distilled or deionized water • Tubes to prepare sample dilutions. • Absorbent paper. • Microplate reader capable of measuring absorbance at 450 nm. • Centrifuge capable of 3000 x g. • Microplate washer or washing bottle. • Incubator (37 °C). • Data analysis and graphing software.

Target Details

Target:	SIRT3
Alternative Name:	Sirtuin 3 (SIRT3 Products)

Application Details

Application Notes:	• The supplier is only responsible for the kit itself, but not for the samples consumed during the assay. The user should calculate the possible amount of samples used in the whole test. Please reserve sufficient amounts of samples in advance. • Please predict the concentration before assaying. If values for these are not within the range of the standard curve, users must determine the optimal sample dilutions for their particular experiments. • If the samples are not indicated in the manual, a preliminary experiment to determine the validity of the kit is necessary. • Owing to the possibility of mismatching between antigens from another resource and antibodies used in this supplier's kits (e.g., antibody targets conformational epitope rather than linear epitope), some native or recombinant proteins from other manufacturers may not be recognized by this supplier's products. • Influenced by factors including cell viability, cell number and cell sampling time, samples from cell culture supernatant may not be recognized by the kit. • Fresh samples without long time storage are recommended for the test. Otherwise, protein degradation and denaturalization may occur in those samples and finally lead to wrong results.
Sample Volume:	100 µL

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Application Details

Plate:	Pre-coated
Restrictions:	For Research Use only

Handling

Storage:	4 °C

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