

Datasheet for ABIN5522220
SIRT1 ELISA Kit



[Go to Product page](#)

1 Image

Overview

Quantity:	96 tests
Target:	SIRT1
Reactivity:	Human
Method Type:	Sandwich ELISA
Detection Range:	0.313 ng/mL - 20 ng/mL
Minimum Detection Limit:	0.313 ng/mL
Application:	ELISA

Product Details

Purpose:	For quantitative detection of SIRT1 in serum, plasma, tissue homogenates.
Sample Type:	Plasma, Serum, Tissue Homogenate
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Specificity:	This assay has high sensitivity and excellent specificity for detection of SIRT1. No significant cross-reactivity or interference between SIRT1 and analogues was observed. Note: Limited by current skills and knowledge, it is difficult for us to complete the cross-reactivity detection between SIRT1 and all the analogues, therefore, cross reaction may still exist.
Sensitivity:	0.188 ng/mL
Components:	<ul style="list-style-type: none">- ELISA Microplate- Lyophilized Standard- Sample / Standard Dilution Buffer

Product Details

- Biotin-labeled Antibody (Concentrated)
- Antibody Dilution Buffer
- HRP-Streptavidin Conjugate(SABC)
- SABC Dilution Buffer
- TMB Substrate
- Stop Solution
- Wash Buffer (25X)
- Plate Sealer
- Product Description

Target Details

Target:	SIRT1
Alternative Name:	SIRT1 (SIRT1 Products)
Background:	SIRT1/SIR2alpha/SIR2L1/SIR2-like protein 1/EC 3.5.1/S. cerevisiae, homolog) 1/sirtuin 1
UniProt:	Q96EB6
Pathways:	MAPK Signaling , Intracellular Steroid Hormone Receptor Signaling Pathway , Regulation of Intracellular Steroid Hormone Receptor Signaling , Carbohydrate Homeostasis , Positive Regulation of Endopeptidase Activity , Regulation of Carbohydrate Metabolic Process , Positive Regulation of Response to DNA Damage Stimulus , Negative Regulation of intrinsic apoptotic Signaling

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	Sandwich ELISA, Double Antibody
Sample Volume:	100 µL
Plate:	Pre-coated
Restrictions:	For Research Use only

Handling

Storage:	4 °C
Storage Comment:	1. For unopened kit: All the reagents should be kept according to the labels on vials. The

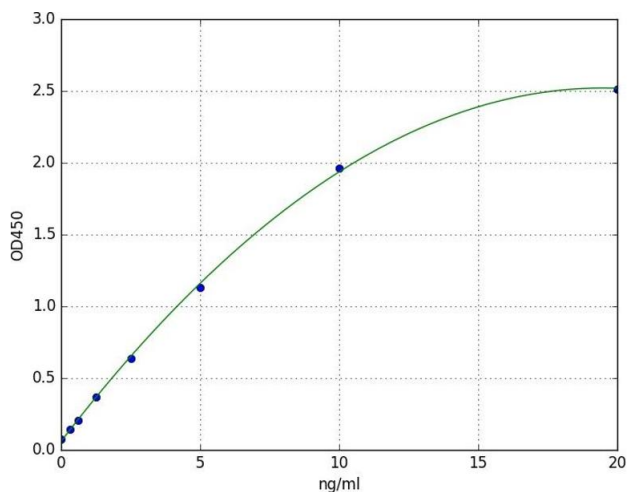
Handling

Reference Standard and the 96-well stripe plate should be stored at -20 °C upon receipt while the other reagents should be stored at 4 °C.

2. For used kit: When the kit is used, the remaining reagents need to be stored according to the above storage condition. Besides, please return the unused wells to the foil pouch containing the desiccant pack, and zip-seal the foil pouch.

Expiry Date: 6 months

Images



ELISA

Image 1. A typical standard curve