

Datasheet for ABIN5522221
SIRT1 ELISA Kit



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1 Image

Overview

Quantity:	96 tests
Target:	SIRT1
Reactivity:	Rat
Method Type:	Sandwich ELISA
Detection Range:	0.15 ng/mL - 10 ng/mL
Minimum Detection Limit:	0.15 ng/mL
Application:	ELISA

Product Details

Purpose:	For quantitative detection in serum, plasma, tissue homogenates and other biological fluids.
Sample Type:	Plasma, Serum, Tissue Homogenate
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Specificity:	SIRT1/SIR2alpha/SIR2L1/SIR2-like protein 1/EC 3.5.1/S. cerevisiae, homolog) 1/sirtuin 1
Sensitivity:	0.094 ng/mL
Components:	- ELISA Microplate - Lyophilized Standard - Sample / Standard Dilution Buffer - Biotin-labeled Antibody (Concentrated) - Antibody Dilution Buffer - HRP-Streptavidin Conjugate(SABC)

Product Details

- 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:	A0A0G2JZ79
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:	4 °C for 6 months
Expiry Date:	6 months

ELISA

Image 1. A typical standard curve

