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Product Datasheet

Human NAD-dependent ADP-ribosyltransferase sirtuin-4 (SIRT4/SIR2L4) ELISA Kit ASC-KTE60651

Article Name	Human NAD-dependent ADP-ribosyltransferase sirtuin-4 (SIRT4/SIR2L4) ELISA Kit
Biozol Catalog Number	ASC-KTE60651
Supplier Catalog Number	KTE60651
Alternative Catalog Number	ASC-KTE60651-48, ASC-KTE60651-96
Manufacturer	Abbkine Scientific
Category	Kits/Assays
Application	ELISA
Species Reactivity	Human
Product Description	This Human NAD-dependent ADP-ribosyltransferase sirtuin-4 (SIRT4/SIR2L4) ELISA Kit employs a two-site sandwich ELISA to quantitate SIRT4....
Range	Please inquire
Sensitivity	Please inquire
Tag	SIRT4
NCBI	23409
UniProt	Q9Y6E7
Samples	Cell culture supernatantsSerumPlasmaOther biological fluids

Application Notes

This Human NAD-dependent ADP-ribosyltransferase sirtuin-4 (SIRT4/SIR2L4) ELISA Kit employs a two-site sandwich ELISA to quantitate SIRT4 in samples. An antibody specific for SIRT4 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SIRT4 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SIRT4 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of SIRT4 bound in the initial step. The color development is stopped and the intensity of the color is measured.