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## Product Datasheet

### Human NAD-dependent deacetylase sirtuin-3, mitochondrial (SIRT3) ELISA Kit ASC-KTE60652

Article Name	Human NAD-dependent deacetylase sirtuin-3, mitochondrial (SIRT3) ELISA Kit
Biozol Catalog Number	ASC-KTE60652
Supplier Catalog Number	KTE60652
Alternative Catalog Number	ASC-KTE60652-48, ASC-KTE60652-96
Manufacturer	Abbkine Scientific
Category	Kits/Assays
Application	ELISA
Species Reactivity	Human
Product Description	This Human NAD-dependent deacetylase sirtuin-3, mitochondrial (SIRT3) ELISA Kit employs a two-site sandwich ELISA to quantitate SIRT3....
Range	Please inquire
Sensitivity	Please inquire
Tag	SIRT3
NCBI	<a href="#">23410</a>
UniProt	<a href="#">Q9NTG7</a>
Samples	Cell culture supernatantsSerumPlasmaOther biological fluids

Application Notes

This Human NAD-dependent deacetylase sirtuin-3, mitochondrial (SIRT3) ELISA Kit employs a two-site sandwich ELISA to quantitate SIRT3 in samples. An antibody specific for SIRT3 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SIRT3 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SIRT3 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 SIRT3 bound in the initial step. The color development is stopped and the intensity of the color is measured.