

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

## 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                       | <a href="#">23409</a>                                                                                                                        |
| UniProt                    | <a href="#">Q9Y6E7</a>                                                                                                                       |
| Samples                    | Cell culture supernatantsSerumPlasmaOther biological fluids                                                                                  |

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application Notes | <p>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.</p> |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|