

Chicken NAD-dependent deacetylase sirtuin-6 (SIRT6) ELISA Kit | SIRT6 elisa kit

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CATALOG #
AAA190378

REACTIVITY
Chicken

PRODUCT SYNONYMS

NAD-dependent deacetylase sirtuin-6 (SIRT6); Chicken NAD-dependent deacetylase sirtuin-6 (SIRT6) ELISA Kit; SIR2L6; sir2-related protein type 6[sirtuin 6]sirtuin type 6; SIRT6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Specificity	This assay has high sensitivity and excellent specificity for detection of Chicken SIRT6. No significant cross-reactivity or interference between Chicken SIRT6 and analogues was observed.
Assay Type	Sandwich
Assay	Serum, Plasma, Other biological fluids
Analysis Method	Quantitive
Detection Wavelength	450nm
Sample Volume	1-200uL
Assay Duration	1-4.5h
Precision	Intra-assay Precision (Precision within an assay): Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. $CV (\%) = SD/mean \times 100$ Intra-Assay: CV Inter-Assay: CV
Test Principle	This assay employs a two-site sandwich ELISA to quantitate SIRT6 in samples. An antibody specific for SIRT6 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SIRT6 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SIRT6 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 SIRT6 bound in the initial step. The color development is stopped and the intensity of the color is measured.
Preparation and Storage	Store at 2-8 degree C. Please refer to Instruction Manual.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/chicken-elisa-kits/nad-dependent-deacetylase-sirtuin-6-sirt6/190378>