

Mouse SIRT2 (Sirtuin 2) ELISA Kit | SIRT2 elisa kit

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CATALOG #
AAA248265

REACTIVITY
Mouse

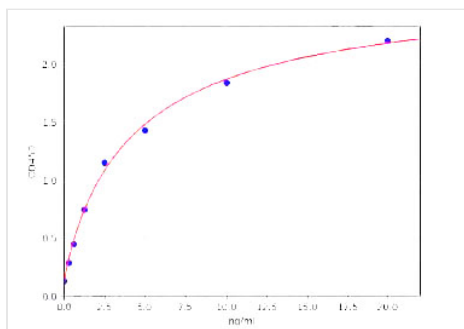
PRODUCT SYNONYMS

SIRT2 (Sirtuin 2); Mouse SIRT2 (Sirtuin 2) ELISA Kit; Sirt2; SIR2L2; sirtuin 2; sirtuin type 2; NAD-dependent deacetylase sirtuin-2; SIR2-like protein 2; SIRT2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of SIRT2. No significant cross-reactivity or interference between SIRT2 and analogues was observed.
Sequence Length	389
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SIRT2 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96-well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	38258618
NCBI GeneID	64383
UniProt Accession #	Q8VDQ8; Q9CXS5; Q9EQ18; Q9ERJ9; E9PXF5; U5TP50
Molecular Weight	35,678 Da
NCBI Official Full Name	NAD-dependent protein deacetylase sirtuin-2
NCBI Official Synonym Full Names	sirtuin 2
NCBI Official Symbol	Sirt2
NCBI Official Synonym Symbols	Sir2l; SIR2L2; 5730427M03Rik
NCBI Protein Information	NAD-dependent protein deacetylase sirtuin-2
UniProt Protein Name	NAD-dependent protein deacetylase sirtuin-2
UniProt Gene Name	Sirt2
UniProt Synonym Gene Names	Sir2l2; mSIR2L2

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://stage.aaabiotech.com/mouse-elisa-kits/sirt2-sirtuin-2/248265>