

Mouse NAD-dependent protein deacetylase sirtuin-5, mitochondrial ELISA Kit | Sirt5 elisa kit

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CATALOG #
AAA192937

REACTIVITY
Mouse

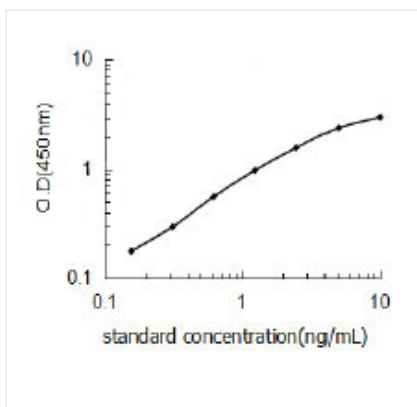
PRODUCT SYNONYMS

NAD-dependent protein deacetylase sirtuin-5; mitochondrial; Mouse NAD-dependent protein deacetylase sirtuin-5; mitochondrial ELISA Kit; 3.5.1.-; Regulatory protein SIR2 homolog 5; SIR2-like protein 5; Sirt5; Sir2l5; Sirt5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Recombinant and natural Mouse NAD-dependent protein deacetylase sirtuin-5, mitochondrial
Sequence Length	310
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	0.156-10 ng/mL
Sensitivity	< 0.086 ng/mL
Intra-assay Precision	<=6.4%
Inter-assay Precision	<=8.6%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Sirt5 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm ± 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	30578432
NCBI GeneID	68346
NCBI Accession #	NP_849179.1
NCBI GenBank Nucleotide #	NM_178848.3
UniProt Accession #	Q8K2C6
Molecular Weight	34,134 Da
NCBI Official Full Name	NAD-dependent protein deacylase sirtuin-5, mitochondrial
NCBI Official Synonym Full Names	sirtuin 5
NCBI Official Symbol	Sirt5
NCBI Official Synonym Symbols	AV001953; 0610012J09Rik; 1500032M05Rik
NCBI Protein Information	NAD-dependent protein deacylase sirtuin-5, mitochondrial
UniProt Protein Name	NAD-dependent protein deacylase sirtuin-5, mitochondrial
UniProt Gene Name	Sirt5
UniProt Synonym Gene Names	Sir2l5
UniProt Entry Name	SIR5_MOUSE

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/sirt5-mouse-elisa-kits/nad-dependent-protein-deacylase-sirtuin-5-mitochondrial/192937>