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

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CATALOG #	REACTIVITY
AAA192937	**Mouse**

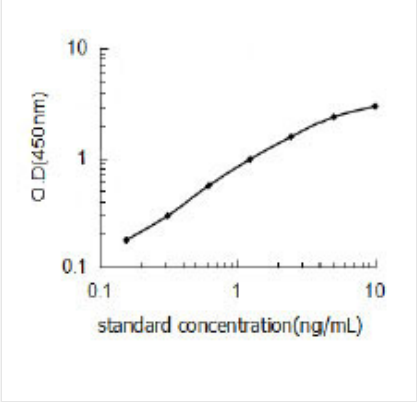
PRODUCT SYNONYMS

NAD-dependent protein deacylase sirtuin-5; mitochondrial; Mouse NAD-dependent protein deacylase 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 deacylase 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.

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://stage.aaabiotech.com/sirt5-mouse-elisa-kits/nad-dependent-protein-deacylase-sirtuin-5-mitochondrial/192937