

Mouse Sirtuin 7 (SIRT7) ELISA Kit | SIRT7 elisa kit

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CATALOG #
AAA42577

REACTIVITY
Mouse

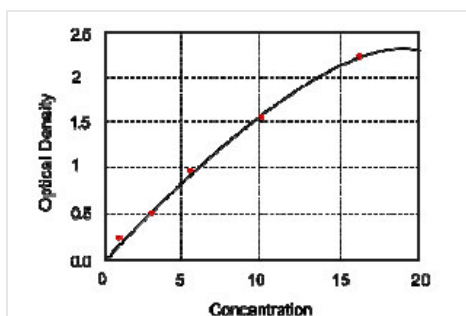
PRODUCT SYNONYMS

Sirtuin 7 (SIRT7); Mouse Sirtuin 7 (SIRT7) ELISA Kit; SIRT7 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	771
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05- 15ng/ml
Sensitivity	0.017ng/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SIRT7 elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of Mouse NAD-dependent protein deacetylase sirtuin-7 (also known as SIRT7) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates. Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Mouse SIRT7 antibody. SIRT7 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Mouse SIRT7 Antibody is added and binds to SIRT7 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated SIRT7 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Mouse SIRT7. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	24650933
NCBI GeneID	43433
NCBI Accession #	NP_651664.2
NCBI GenBank Nucleotide #	NM_143407.3
UniProt Accession #	Q9VAQ1
Molecular Weight	88,469 Da
NCBI Official Full Name	sirtuin 7
NCBI Official Synonym Full Names	Sirtuin 7
NCBI Official Symbol	Sirt7
NCBI Official Synonym Symbols	CG11305; D.mel5; DmelCG11305; dmSRT409; dSIRT7; SIRT7
NCBI Protein Information	sirtuin 7
UniProt Protein Name	NAD-dependent protein deacetylase Sirt7
UniProt Gene Name	Sirt7

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.