

Human SIRT1 (Sirtuin 1) CLIA Kit | SIRT1 clia kit

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CATALOG #
AAA171097

REACTIVITY
Human

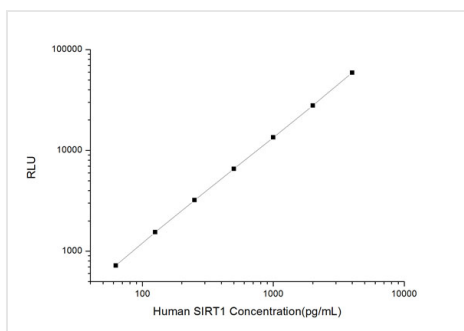
PRODUCT SYNONYMS

SIRT1 (Sirtuin 1); Human SIRT1 (Sirtuin 1) CLIA Kit; SIR2L1; NAD-dependent deacetylase sirtuin-1; SIRT1 clia kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and recombinant SIRT1. No significant cross-reactivity or interference between SIRT1 and analogues was observed.
Sequence Length	710
Assay Type	Sandwich
Detection Range	62.5-4000pg/mL
Sensitivity	Min: 37.5pg/mL; Max: 4000pg/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SIRT1 clia kit

Intended Uses: This CLIA kit applies to the in vitro quantitative determination of SIRT1 concentrations in serum, plasma and other biological fluids.

Principle of the Assay: This kit uses Sandwich-CLIA as the method. The micro CLIA plate provided in this kit has been pre-coated with an antibody specific to SIRT1. Standards or samples are added to the appropriate micro CLIA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for SIRT1 and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain SIRT1, biotinylated detection antibody and Avidin-HRP conjugate will appear fluorescence. The Relative light unit (RLU) value is measured spectrophotometrically by the Chemiluminescence immunoassay analyzer. The RLU value is positively associated with the concentration of SIRT1. You can calculate the concentration of SIRT1 in the samples by comparing the RLU value of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	148237806
NCBI GeneID	100036963
NCBI Accession #	NP_001091195.1
NCBI GenBank Nucleotide #	NM_001097726.1
NCBI Official Full Name	sirtuin 1
NCBI Official Synonym Full Names	sirtuin 1
NCBI Official Symbol	sirt1
NCBI Official Synonym Symbols	sir2l1; xsirt1; sirtuin
NCBI Protein Information	sirtuin 1

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/human-clia-kits/sirt1-sirtuin-1/171097>