

Human Succinate Dehydrogenase Complex Subunit A (SDHA) RTU ELISA Kit | SDHA rtu elisa kit

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CATALOG #
AAA219490

REACTIVITY
Human

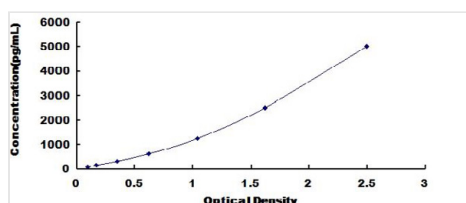
PRODUCT SYNONYMS

Succinate Dehydrogenase Complex Subunit A (SDHA); Human Succinate Dehydrogenase Complex Subunit A (SDHA) ELISA Kit; SDH2; SDHF; FP; Flavoprotein; Flavoprotein subunit of complex II; Succinate dehydrogenase [ubiquinone] flavoprotein subunit; mitochondrial; SDHA rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	616
Assay Type	Sandwich
Samples	Tissue Homogenates or Other Biological Fluids.
Detection Range	78.1-5000pg/mL
Sensitivity	33.2pg/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SDHA rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to SDHA. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to SDHA. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain SDHA, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of SDHA in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	661567360
NCBI GeneID	6389
NCBI Accession #	NP_001281261.1
NCBI GenBank Nucleotide #	NM_001294332.1
UniProt Accession #	P31040; Q16395; Q59GW8; Q8IW48; Q9UMY5; A8K5J6; B4DJ60; E9PBJ5
Molecular Weight	56,650 Da
NCBI Official Full Name	succinate dehydrogenase
NCBI Official Synonym Full Names	succinate dehydrogenase complex flavoprotein subunit A
NCBI Official Symbol	SDHA
NCBI Official Synonym Symbols	FP; PGL5; SDH1; SDH2; SDHF; CMD1GG
NCBI Protein Information	succinate dehydrogenase [ubiquinone] flavoprotein subunit, mitochondrial
UniProt Protein Name	Succinate dehydrogenase [ubiquinone] flavoprotein subunit, mitochondrial
UniProt Gene Name	SDHA
UniProt Synonym Gene Names	SDH2; SDHF; Fp

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-rtu-elisa-kits/succinate-dehydrogenase-complex-subunit-a-sdha/219490>