

Mouse Succinate Dehydrogenase Complex Subunit D (SDHD) RTU ELISA Kit | SDHD rtu elisa kit

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CATALOG #
AAA218335

REACTIVITY
Mouse

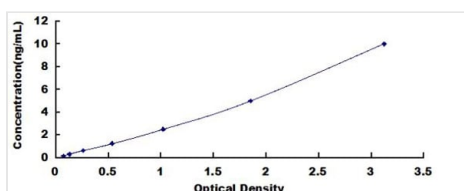
PRODUCT SYNONYMS

Succinate Dehydrogenase Complex Subunit D (SDHD); Mouse Succinate Dehydrogenase Complex Subunit D (SDHD) ELISA Kit; PGL; PGL1; QPs3; Succinate-ubiquinone reductase membrane anchor subunit; Succinate dehydrogenase [ubiquinone] cytochrome b small subunit; mitochondrial; SDHD rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	159
Assay Type	Sandwich
Samples	Tissue Homogenates or Other Biological Fluids.
Detection Range	0.156-10ng/mL
Sensitivity	0.066ng/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 SDHD rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to SDHD. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to SDHD. 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 SDHD, 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 SDHD in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	27229021
NCBI GeneID	66925
NCBI Accession #	NP_080124.1
NCBI GenBank Nucleotide #	NM_025848.3
UniProt Accession #	Q9CXV1; Q3UX11; A6H629
Molecular Weight	17,014 Da
NCBI Official Full Name	succinate dehydrogenase
NCBI Official Synonym Full Names	succinate dehydrogenase complex, subunit D, integral membrane protein
NCBI Official Symbol	Sdhd
NCBI Official Synonym Symbols	C78570; AVLL5809; PRO19626; 3110001M13Rik
NCBI Protein Information	succinate dehydrogenase [ubiquinone] cytochrome b small subunit, mitochondrial
UniProt Protein Name	Succinate dehydrogenase [ubiquinone] cytochrome b small subunit, mitochondrial
UniProt Gene Name	Sdhd
UniProt Synonym Gene Names	CybS

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/mouse-rtu-elisa-kits/succinate-dehydrogenase-complex-subunit-d-sdhd/218335>