

Mouse SDH (Succinate Dehydrogenase) ELISA Kit | Sdha elisa kit

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CATALOG #
AAA250669

REACTIVITY
Mouse

PRODUCT SYNONYMS

SDH (Succinate Dehydrogenase); Mouse SDH (Succinate Dehydrogenase) ELISA Kit; Succinate dehydrogenase [ubiquinone] flavoprotein subunit; mitochondrial; Flavoprotein subunit of complex II (Fp); Sdha; Sdha elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Sdha. No significant cross-reactivity or interference between Sdha and analogues was observed.
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	31.25-2000pg/ml
Sensitivity	18.75pg/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

ADDITIONAL INFORMATION

Related Product Information for Sdha elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96- well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP -Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	54607098
NCBI GeneID	66945
NCBI Accession #	NP_075770.1
NCBI GenBank Nucleotide #	NM_023281.1
UniProt Accession #	Q8K2B3; Q0QF19; Q3UH25; Q3UKP7; Q3V4B1; Q921P5; Q9Z1Z4
Molecular Weight	72,585 Da
NCBI Official Full Name	succinate dehydrogenase

NCBI Official Synonym Full Names	succinate dehydrogenase complex, subunit A, flavoprotein (Fp)
NCBI Official Symbol	Sdha
NCBI Official Synonym Symbols	FP; SDH2; SDHF; C81073; 4921513A11; 1500032O14Rik; 2310034D06Rik
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	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://www.aaabiotech.com/sdha-mouse-elisa-kits/sdh-succinate-dehydrogenase/250669>