

Human Sarcosine dehydrogenase, mitochondrial ELISA Kit | SARDH elisa kit

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CATALOG #
AAA192308

REACTIVITY
Human

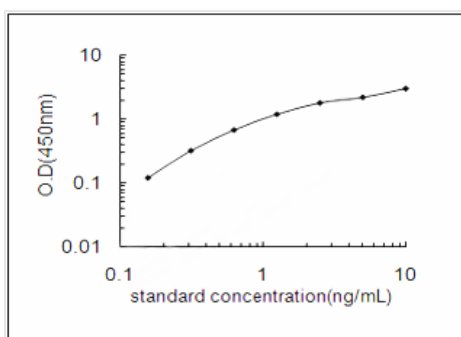
PRODUCT SYNONYMS

Sarcosine dehydrogenase; mitochondrial; Human Sarcosine dehydrogenase; mitochondrial ELISA Kit; SarDH; BPR-2; SARDH; DMGDHL1; 1.5.8.3; SARDH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay recognizes recombinant and natural human SarDH. No significant cross-reactivity or interference was observed.
Sequence Length	918
Samples	Serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids
Detection Range	0.15 ng/mL -10.0 ng/mL.
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SARDH elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of human sarcosine dehydrogenase, mitochondrial, SarDH concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to SarDH. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for SarDH and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain SarDH, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm $\pm$ 2 nm. The concentration of SarDH in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	197927446
NCBI GeneID	1757
NCBI Accession #	NP_001128179.1
NCBI GenBank Nucleotide #	NM_001134707.1
UniProt Accession #	Q9UL12; Q5SYV0; Q9Y280; Q9Y2Y3; B2RMR5; B4DPI2; B7ZLT6
Molecular Weight	82,962 Da
NCBI Official Full Name	sarcosine dehydrogenase, mitochondrial
NCBI Official Synonym Full Names	sarcosine dehydrogenase
NCBI Official Symbol	SARDH
NCBI Official Synonym Symbols	SAR; SDH; SARD; BPR-2; DMGDHL1
NCBI Protein Information	sarcosine dehydrogenase, mitochondrial
UniProt Protein Name	Sarcosine dehydrogenase, mitochondrial
UniProt Gene Name	SARDH
UniProt Synonym Gene Names	DMGDHL1; SarDH
UniProt Entry Name	SARDH_HUMAN

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/sardh-human-elisa-kits/sarcosine-dehydrogenase-mitochondrial/192308>