

Human Succinyl coenzyme A synthetase (SCS) ELISA Kit | SCS elisa kit

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CATALOG #
AAA43309

REACTIVITY
Human

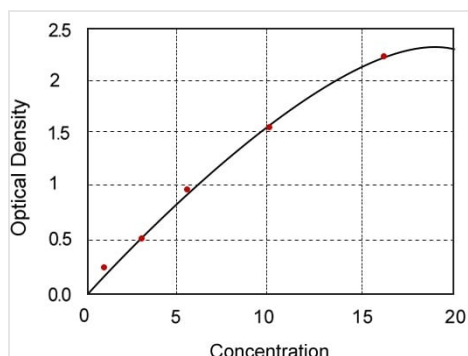
PRODUCT SYNONYMS

Succinyl coenzyme A synthetase (SCS); Human Succinyl coenzyme A synthetase (SCS) ELISA Kit; SCS elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	132
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.1ng/ml - 40ng/ml.
Sensitivity	0.05ng/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SCS elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Succinyl Coenzyme A Synthetase (also known as SCS) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human SCS antibody. SCS present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human SCS Antibody is added and binds to SCS in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated SCS antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human SCS. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	1122286
NCBI GeneID	8802
UniProt Accession #	P53597; Q9BWB0; Q9UNP6
Molecular Weight	36,250 Da
NCBI Official Full Name	succinyl coenzyme A synthetase, partial
NCBI Official Synonym Full Names	succinate-CoA ligase alpha subunit
NCBI Official Symbol	SUCLG1
NCBI Official Synonym Symbols	GALPHA; MTDPS9; SUCLA1
NCBI Protein Information	succinate--CoA ligase [ADP/GDP-forming] subunit alpha, mitochondrial
UniProt Protein Name	Succinate--CoA ligase [ADP/GDP-forming] subunit alpha, mitochondrial
UniProt Gene Name	SUCLG1
UniProt Synonym Gene Names	SCS-alpha

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-elisa-kits/succinyl-coenzyme-a-synthetase-scs/43309>