

Human SARS2 (Serine-tRNA ligase, mitochondrial) ELISA Kit | SARS2 elisa kit

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CATALOG #
AAA249601

REACTIVITY
Human

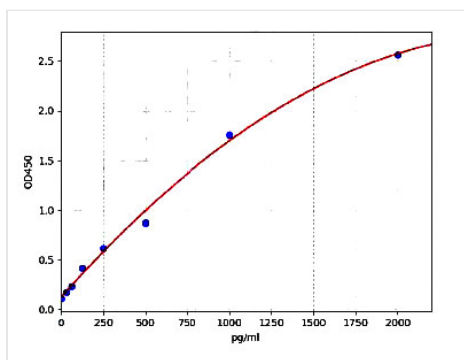
PRODUCT SYNONYMS

SARS2 (Serine-tRNA ligase; mitochondrial); Human SARS2 (Serine-tRNA ligase; mitochondrial) ELISA Kit; Serine-tRNA ligase; mitochondrial; SerRSmt; Seryl-tRNA synthetase; SerRS; Seryl-tRNA(Ser/Sec) synthetase; SARSM; SARS2; SARS2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of SARS2. No significant cross-reactivity or interference between SARS2 and analogues was observed.
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
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

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SARS2 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 #	225579074
NCBI GeneID	54938
NCBI Accession #	NP_001139373.1
NCBI GenBank Nucleotide #	NM_001145901.1
UniProt Accession #	Q9NP81; Q9BVP3; A6NHW7; B4DE10
Molecular Weight	58,283 Da
NCBI Official Full Name	serine--tRNA ligase, mitochondrial isoform a
NCBI Official Synonym Full Names	seryl-tRNA synthetase 2, mitochondrial
NCBI Official Symbol	SARS2
NCBI Official Synonym Symbols	SYS; SARS; SERS; SARSM; SerRS; SerRSmt; mtSerRS
NCBI Protein Information	serine--tRNA ligase, mitochondrial; seryl-tRNA(Ser/Sec) synthetase; serine-tRNA ligase, mitochondrial; mitochondrial seryl-tRNA synthetase; serine tRNA ligase 2, mitochondrial; seryl-tRNA synthetase, mitochondrial
UniProt Protein Name	Serine--tRNA ligase, mitochondrial
UniProt Gene Name	SARS2
UniProt Synonym Gene Names	SARSM; SerRS
UniProt Entry Name	SYSM_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/human-elisa-kits/sars2-serine-trna-ligase-mitochondrial/249601>