

Chicken Citrate synthase ELISA Kit | CS elisa kit

Chicken Citrate synthase, mitochondrial ELISA Kit

CATALOG #
AAA191872

REACTIVITY
Chicken

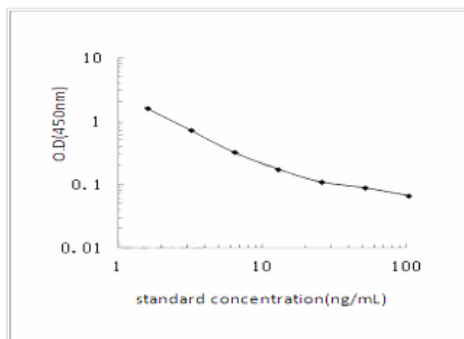
PRODUCT SYNONYMS

Citrate synthase; Chicken Citrate synthase; mitochondrial ELISA Kit; mitochondrial; CS; 2.3.3.1; CS elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Specificity	This assay recognizes recombinant and natural Chicken Citrate synthase, mitochondrial. No significant cross-reactivity or interference was observed.
Sequence Length	433
Samples	Serum, plasma, tissue homogenates, cell culture supernates, and other biological fluids
Assay Type	Quantitative Competitive
Detection Range	1.56-100 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 CS elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of chicken Citrate synthase, mitochondrial concentrations in serum, plasma, tissue homogenates, cell culture supernates, and other biological fluids. Principle of the Assay: The ELISA is based on the competitive binding enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Citrate synthase, mitochondrial. During the reaction, Citrate synthase, mitochondrial in the sample or standard competes with a fixed amount of biotin-labeled Citrate synthase, mitochondrial for sites on a pre-coated Monoclonal antibody specific to Citrate synthase, mitochondrial. Excess conjugate and unbound sample or standard are washed from the plate. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. 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 +/- 2 nm. The concentration of Citrate synthase, mitochondrial in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	116466
UniProt Accession #	P23007
Molecular Weight	47,378 Da
NCBI Official Full Name	Citrate synthase, mitochondrial
UniProt Protein Name	Citrate synthase, mitochondrial
UniProt Gene Name	CS
UniProt Entry Name	CISY_CHICK

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/cs-chicken-elisa-kits/citrate-synthase/191872>