

Human Citrate synthase, CS ELISA Kit | CS elisa kit

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CATALOG #
AAA41601

REACTIVITY
Human

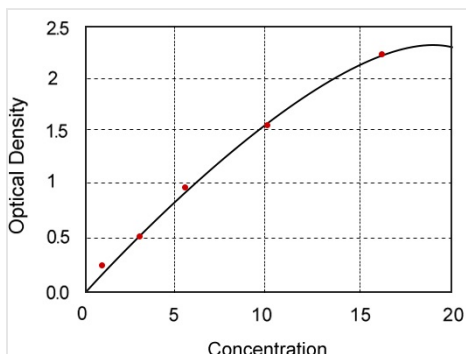
PRODUCT SYNONYMS

Citrate synthase; CS; Human Citrate synthase; CS ELISA Kit; CS elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	427
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	5pg/ml - 1500pg/ml
Sensitivity	2.52pg/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 CS elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Citrate Synthase (also known as CS) 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 CS antibody. CS present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human CS Antibody is added and binds to CS in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated CS 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 CS. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	16128695
NCBI GeneID	945323
NCBI Accession #	NP_415248.1
NCBI GenBank Nucleotide #	NC_000913.3
UniProt Accession #	P0ABH7; O32552; P00891; P78257
Molecular Weight	48,015 Da
NCBI Official Full Name	citrate synthase
NCBI Official Symbol	gltA
NCBI Official Synonym Symbols	ECK0709; gltT; icdB; JW0710
NCBI Protein Information	citrate synthase
UniProt Protein Name	Citrate synthase
UniProt Gene Name	gltA
UniProt Synonym Gene Names	gltT; icdB

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/citrate-synthase-cs/41601>