

Human Coenzyme Q10 Homolog B (COQ10B) ELISA Kit | COQ10B elisa kit

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CATALOG #
AAA43184

REACTIVITY
Human

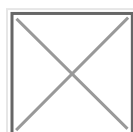
PRODUCT SYNONYMS

Coenzyme Q10 Homolog B (COQ10B); Human Coenzyme Q10 Homolog B (COQ10B) ELISA Kit; COQ10B elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	238
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	5ng/ml - 1500ng/ml
Sensitivity	2.57ng/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 COQ10B elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Coenzyme Q10 Homolog B (also known as COQ10B) 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 COQ10B antibody. COQ10B present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human COQ10B Antibody is added and binds to COQ10B in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated COQ10B 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 COQ10B. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	13376737
NCBI GeneID	80219

NCBI Accession #	NP_079423.1
NCBI GenBank Nucleotide #	NM_025147.4
UniProt Accession #	Q9H8M1 ; B7Z1Y4
Molecular Weight	22,691 Da
NCBI Official Full Name	coenzyme Q-binding protein COQ10 homolog B, mitochondrial isoform 1
NCBI Official Synonym Full Names	coenzyme Q10B
NCBI Official Symbol	COQ10B
NCBI Protein Information	coenzyme Q-binding protein COQ10 homolog B, mitochondrial
UniProt Protein Name	Coenzyme Q-binding protein COQ10 homolog B, mitochondrial
UniProt Gene Name	COQ10B

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/coenzyme-q10-homolog-b-coq10b/43184>