

Human UQCR (Cytochrome b-c1 complex subunit 10) ELISA Kit | UQCR elisa kit

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CATALOG #
AAA250020

REACTIVITY
Human

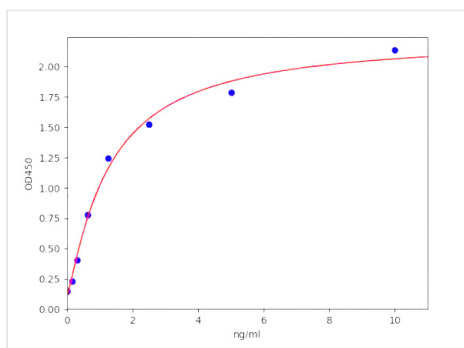
PRODUCT SYNONYMS

UQCR (Cytochrome b-c1 complex subunit 10); Human UQCR (Cytochrome b-c1 complex subunit 10) ELISA Kit; Cytochrome b-c1 complex subunit 10; Complex III subunit 10; Complex III subunit XI; Ubiquinol-cytochrome c reductase complex 6.4 kDa protein; UQCR; UQCR11; UQCR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of UQCR. No significant cross-reactivity or interference between UQCR and analogues was observed.
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/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 UQCR 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 #	5803217
NCBI GeneID	10975
NCBI Accession #	NP_006821.1
NCBI GenBank Nucleotide #	NM_006830.3
UniProt Accession #	O14957; Q9UEA3; Q9UPK4; B2R542; D6W5Z4
Molecular Weight	6,570 Da
NCBI Official Full Name	cytochrome b-c1 complex subunit 10
NCBI Official Synonym Full Names	ubiquinol-cytochrome c reductase, complex III subunit XI
NCBI Official Symbol	UQCR11
NCBI Official Synonym Symbols	UQCR; QCR10; 0710008D09Rik
NCBI Protein Information	cytochrome b-c1 complex subunit 10; complex III subunit 10; complex III subunit XI; ubiquinol cytochrome c reductase, 6.4kDa subunit; ubiquinol-cytochrome c reductase, 6.4kDa subunit; ubiquinol-cytochrome c reductase complex 6.4 kDa protein
UniProt Protein Name	Cytochrome b-c1 complex subunit 10
UniProt Gene Name	UQCR11
UniProt Synonym Gene Names	UQCR
UniProt Entry Name	QCR10_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/uqcr-cytochrome-b-c1-complex-subunit-10/250020>