

Bovine Cytochrome B-C1 Complex Subunit Rieske, Mitochondrial (UQCRFS1) ELISA Kit-Sandwich

Cat. No.: EK2F493

Product Type: Animal Immunoassay Kits

Size: 48T;96T

Product Overview

BioVenic Bovine Cytochrome B-C1 Complex Subunit Rieske, Mitochondrial (UQCRFS1) ELISA Kit-Sandwich is designed for the quantitative determination of Bovine Cytochrome B-C1 Complex Subunit Rieske, Mitochondrial (UQCRFS1) in serum, plasma, tissue homogenate, cell culture supernatant, cell extract, and other biological fluids using a Sandwich ELISA method. For research use only.

Specifications

Assay Type	ELISA-Sandwich
Specificity	The assay kit is specific for Bovine UQCRFS1.
Target Species	Bovine
Species Reactivity	Bovine
Reproducibility	Intra-Assay: CV < 10%; Inter-Assay: CV < 10%
Assay Time	Around 210 min
Sample Requirement	Serum, plasma, tissue homogenate, cell culture supernatant, cell extract, and other biological fluids.

Target Information

Cytochrome b-c1 complex subunit Rieske, mitochondrial is a subunit of the mitochondrial cytochrome b-c1 complex, part of the electron transport chain. UQCRFS1 contains an iron-sulfur cluster that transfers electrons between other components within the complex. It is found within the mitochondrial inner membrane. UQCRFS1 contributes to efficient electron transfer within the respiratory chain, influencing ATP production and cellular energy metabolism. It is encoded by the bovine gene *UQCRFS1*. Mutations in UQCRFS1 can cause mitochondrial disease.

Target/Biomarker	Bovine UQCRFS1
Target Synonym	Cytochrome b-c1 complex subunit Rieske, mitochondrial; EC 7.1.1.8; Complex III subunit 5
Gene ID	287020

Shipping and Storage

This product is shipped with gel ice packs. It is recommended to store at 2-8 °C (Up to 6 months).

The product is for research use only. Not for commercial, prophylactic, diagnostic, or therapeutic applications. Please determine the purpose of the product before purchasing. For further information and inquiry, please contact us.