

## Bovine Cytochrome C Oxidase Subunit 5A, Mitochondrial (COX5A) ELISA Kit-Sandwich

**Cat. No.:** EK11F672

**Product Type:** Animal Immunoassay Kits

**Size:** 48T;96T

### Product Overview

BioVenic Bovine Cytochrome C Oxidase Subunit 5A, Mitochondrial (COX5A) ELISA Kit-Sandwich is designed for the quantitative determination of Bovine Cytochrome C Oxidase Subunit 5A, Mitochondrial (COX5A) 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 COX5A.
Target Species	Bovine
Species Reactivity	Bovine
Reproducibility	Intra-Assay: CV < 10%; Inter-Assay: CV < 10%
Assay Time	Around 270 min
Sample Requirement	Serum, plasma, tissue homogenate, cell culture supernatant, cell extract, and other biological fluids.

### Target Information

Bovine Cytochrome C Oxidase Subunit 5A, Mitochondrial is encoded by the *COX5A* gene in cattle. It is a subunit of the cytochrome c oxidase complex, also known as Complex IV, the last enzyme in the mitochondrial electron transport chain. It couples the transfer of electrons from cytochrome c to molecular oxygen, contributing to a proton electrochemical gradient across the inner mitochondrial membrane.

Target/Biomarker	Bovine COX5A
Target Synonym	cytochrome c oxidase subunit 5A; cytochrome c oxidase subunit 5A, mitochondrial; cytochrome c oxidase polypeptide Va; cytochrome c oxidase subunit Va; mitochondrial cytochrome c oxidase subunit 5a
Gene ID	<a href="#">444878</a>
UniProt ID	<a href="#">P20674</a>

## Shipping and Storage

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

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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.