



Bovine Cortisol ELISA Kit

Product Code	CSB-E13064B
Abbreviation	COR
Protein Biological Process 1	Metabolism
Product Type	ELISA Kit
Immunogen Species	Bos taurus (Bovine)
Sample Types	serum, plasma, tissue homogenates
Detection Range	3.12 ng/ml-200 ng/ml
Sensitivity	0.78 ng/ml
Assay Time	1-5h
Sample Volume	50-100ul
Detection Wavelength	450 nm
Lead Time	3-5 working days after you place the order, and it takes another 3-5 days for delivery via DHL or FedEx.
Research Area	Metabolism
Tag Info	quantitative
Protein Description	Competitive

Description

The Bovine Cortisol ELISA Kit enables quantitative detection of bovine Cortisol in serum, plasma, and tissue homogenates. A detection range of 3.12 ng/ml-200 ng/ml and a sensitivity of 0.78 ng/ml ensures accurate results. The kit uses a competitive detection mechanism, where the Cortisol in the sample competes with a labeled antigen for binding to a limited number of antibody sites. This competition allows for the quantification of the antigen based on the inverse relationship between antigen concentration and signal output. The kit requires 50-100 μ L of sample, has an assay time of 1-5 hours, and detection is carried out at 450 nm wavelength. It has been used in scientific experiments documented in more than 39 papers.

Product Precision

Linearity

Recovery

Typical