



Bovine Estradiol,E2 ELISA Kit

Product Code	CSB-E08173b
Abbreviation	E2
Protein Biological Process 1	Sex hormone
Product Type	ELISA Kit
Immunogen Species	Bos taurus (Bovine)
Sample Types	serum, plasma.
Detection Range	50 pg/ml-1200 pg/ml.
Sensitivity	40 pg/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	Signal Transduction
Tag Info	quantitative
Protein Description	Competitive

Description

The Bovine estradiol (E2) ELISA Kit is ideal for the quantitative analysis of bovine estradiol in serum and plasma. This highly sensitive kit has a range of 50 pg/ml-1200 pg/ml and a sensitivity of 40 pg/ml. It uses a competitive detection mechanism, where the estradiol in the sample competes with a labeled estradiol for a limited number of antibody binding sites. The amount of labeled estradiol bound to the antibody inversely correlates with the concentration of estradiol in the sample, allowing for accurate quantification. The assay requires 50-100 μ L of sample and has a duration of 1-5 hours, with results read at 450 nm wavelength. The kit has been used in more than 12 papers.