



Canine Estradiol,E2 ELISA Kit

Product Code	CSB-E06846c
Abbreviation	E2
Protein Biological Process 1	Sex hormone
Product Type	ELISA Kit
Immunogen Species	Canis lupus familiaris (Dog) (Canis familiaris)
Sample Types	serum, plasma
Detection Range	40 pg/ml-1000 pg/ml
Sensitivity	25 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 Canine Estradiol (E2) ELISA Kit is specifically designed for the quantitative measurement of estradiol in Canis lupus familiaris (dog) samples. It has a high sensitivity of 25 pg/mL and a broad detection range of 40 pg/ml-1000 pg/ml, which makes it suitable for measuring both low and high concentrations of estradiol in dog samples. The assay time is relatively short, taking only 1-5 hours to obtain accurate and reliable results. The kit comes with a sample volume of 50-100ul, making it cost-effective and efficient for researchers. Estradiol (E2) is an important sex hormone that plays a crucial role in the development and regulation of the female reproductive system in dogs. It also affects other organs such as the bones, liver, and brain. Abnormal levels of estradiol in dogs can cause various health problems, including infertility, mammary gland tumors, and bone loss.

The Canine Estradiol (E2) ELISA Kit is ideal for researchers in the field of signal transduction and reproductive endocrine who require a sensitive and accurate method to measure estradiol levels in dog samples. It has been cited in more than 4 research papers, indicating its effectiveness and reliability.

Product Precision

Linearity



Recovery

Typical