

Vcheck cProgesterone 2.0



For determining optimal breeding dates

Understanding Progesterone

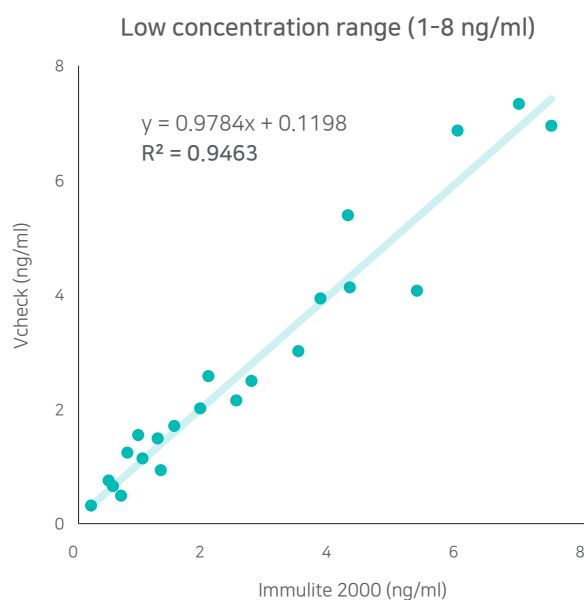
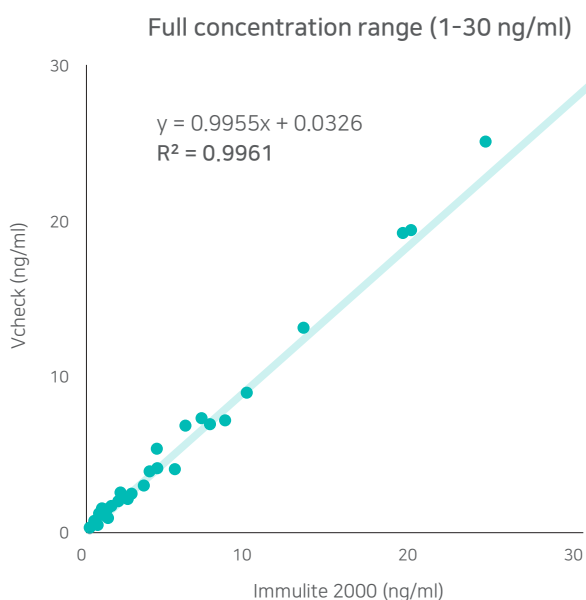
Progesterone is a steroid hormone primarily produced by the corpora lutea. Progesterone testing is commonly used to determine the time of ovulation and the optimal breeding period in bitches.

Clinical Application

- To determine optimal breeding dates
- To predict parturition dates or schedule a Cesarean section
- To detect other conditions such as ovarian remnant syndrome

Performance

The Vcheck cProgesterone 2.0 Test Kit showed strong correlation with the Siemens Immulite 2000 analyzer used in reference laboratories ($R^2 = 0.9961$), and maintained high correlation even at low concentrations below 8 ng/ml ($R^2 = 0.9463$).

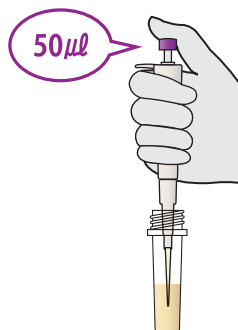


Specifications

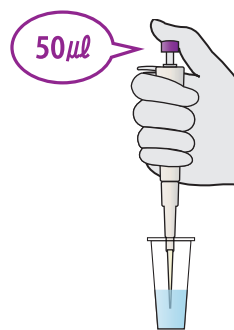
- **Species:** Dog
- **Sample:** Serum 50 µl (Do not use SST tubes)
- **Testing Time:** 15 minutes
- **Measuring Range:** 1–30 ng/ml (3.18–95.4 nmol/L)
- **Storage Temperature:** 2–8 °C



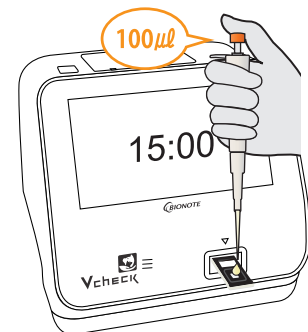
Test Procedure



Add 50 µl of serum to the assay diluent



Mix well 5–6 times



Apply 100 µl of the mixture. Read the result after 15 min.

Reference Ranges

< 1.0 ng/mL (< 3.18 nmol/L)	1.0-1.99 ng/mL (3.18 – 6.33 nmol/L)	2.0-2.99 ng/mL (6.36 – 9.51 nmol/L)	3.0-4.99 ng/mL (9.54 – 15.87 nmol/L)	5.0-12.0 ng/mL (15.90 – 38.16 nmol/L)	> 12.0 ng/mL (> 38.16 nmol/L)
Anestrus or proestrus	Pre-LH surge	LH surge	Post-LH surge, Pre-ovulation	Ovulation (It may vary with breed and size)	Post-ovulation

Ordering Information

Product No.	Product Name	Storage Condition	Packing Unit
VCF145DD	Vcheck cProgesterone 2.0	2 - 8 °C	10 Tests/Kit



BIONOTE, Inc. 22, Samsung 1-ro 4-gil, Hwaseong-si, Gyeonggi-do, 18449, Korea
 TEL : 82-31-211-0516 | FAX : 82-31-8003-0618 | www.bionote.co.kr