

HEALVET 300

PROGESTERONE TIMING CHART

This Canine Progesterone Timing Chart is designed to work only with the Vet test kits. Comparing values to laboratory results using different analyzers will not render useful comparisons. All dogs exhibit variability and deviation from the standard rules, in best practice, adjust the chart as needed for specific animals. Failure to achieve pregnancy may be due to improper use of chart, incorrect testing techniques, or poor semen quality



Result Interpretation

Test Frequency Recommendation

- If Value is between 1-3 ng/mL, test again in 3 days
- If value is between 3-8 ng/mL, test every 2 days
- If value is 8 or greater, test every day

<1.0	Anestrus (out of heat)
1.5-3 ng/mL	LH Surge
4-6 ng/ml	Estimated Ovulation
6-8 ng/mL	Egg Maturation Period Allow two days post ovulation for maturation, a number in this range does not guarantee ovulation. Test again to confirm if in fertile range
8-15 ng/ml	Fertile Range Natural or AI Inseminations 2-3 days past ovulation
15-20 ng/ml	Surgical-AI-Frozen Late stage fertility, 4-5 days



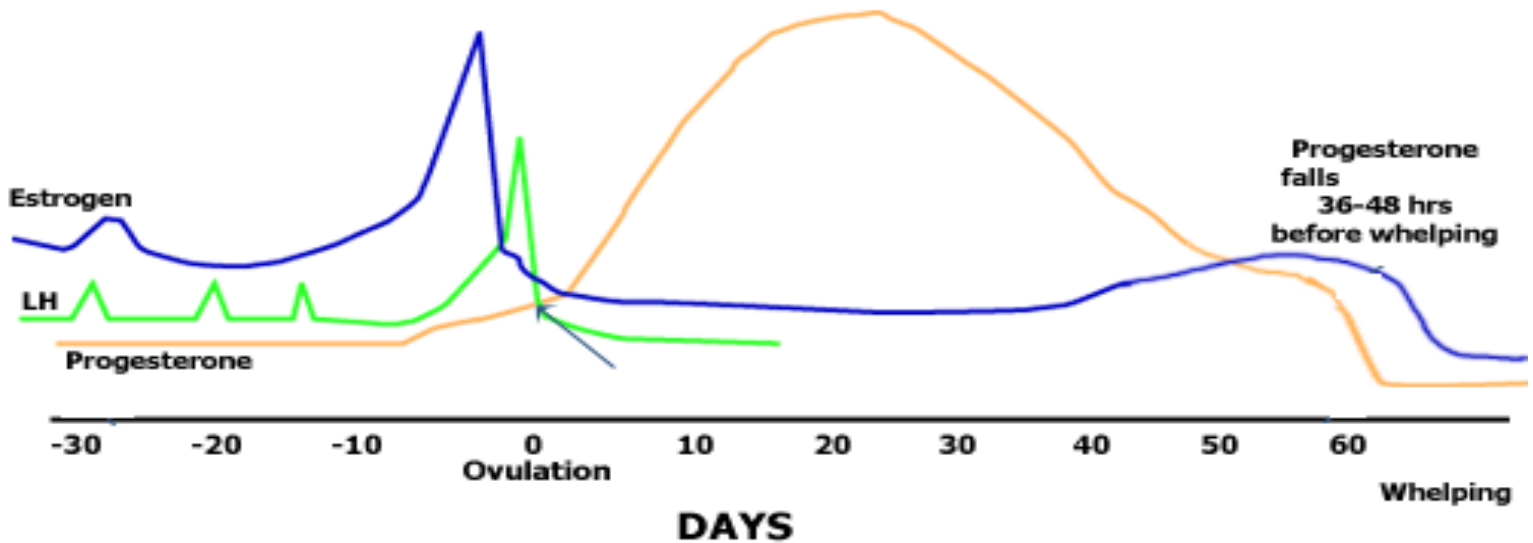
Standard Timing By Ovulation
AI With Fresh or Chilled Semen, and Natural Breed
<u>2-4 Days After Ovulation</u> *verify good sperm counts and forward motility *ovulation must be confirmed and result in fertile range required
AI or TCI With Cryofrozen Semen
<u>3-5 Days After Ovulation</u> *verify health of sperm being used for breeding *instrument not recommend for surgical procedures

Reverse Progesterone

>5.0 ng/mL	To Maintain Pregnancy
<3.0 ng/ml	Nearing Whelping <36 hours before whelping, observe temperature drop

This chart may be adjusted slightly with the onset of new kit lot data provided. Intellectual property of MR Diagnostic Services 2023. Do not copy, distribute, or make alterations to this document without expressed written consent from MR Diagnostic Services LLC

Ordinary Hormone Levels in Canines from Anestrus Through Pregnancy



How do I track the ovulation date?

Ovulation dates are best tracked by running another test again the next day after her result places her in the “Estimated Ovulation” window. Bitches that ovulate above the recommendations, and ovulation stalling can hamper successful pregnancies if they occur unknowingly. For that reason, continuing testing well into the Green fertile range. Some bitches will double, or jump, 1-2 days after truly ovulating, and others may stall or progress more slowly. You may see a large increase in a mere 24 hours, or in a week, depending on the female.

If, after testing the next day, she is still in the ovulation range, she DID NOT ovulate the previous day and may be experiencing an ovulation stall, or split heat. Continue to monitor and test daily.

Having her result place her in the Estimated Ovulation range DOES NOT GUARANTEE she has actually ovulated as most bitches will ovulate based on a number of internal and environmental factors, and do not all ovulate at the exact same value. She may remain in the estimated ovulation for days in some cases.

CONVERSION TO NMOL/L

To Convert to nMol/L, simply multiply the result in ng/mL by 3.18.

IE, 10 ng/mL (times 3.18) = 31.80 nMol/L