

Pregnancy detection for canine patients



Until now, options for early pregnancy testing have largely been limited to palpation or ultrasound.

ReproCHEK measures the hormone relaxin, a reliable indicator of canine pregnancy. Relaxin levels increase when a fertilized egg implants in the uterine wall. Typically, implantation takes place around day 21 post-breeding.

This simple-to-use ELISA works with heparinized whole blood/plasma to detect the hormonal change associated with pregnancy.

Relaxin levels remain elevated during the remaining term of gestation, so the new test can also be used to monitor pregnancy status if there is concern about spontaneous abortion.

ReproCHEK: An accurate and inexpensive test for in-clinic determination of the bitch's pregnancy status.

ReproCHEK™ Canine Pregnancy Test

- **Early Detection:** identifies pregnant dogs as early as 20 days after the LH surge
- **Accurate:** measures Relaxin, a reliable indicator of egg implantation
- **Fast:** clear results within 20 minutes
- **Convenient:** uses heparinized whole blood/plasma
- **Easy to read:** compare results against positive and negative controls

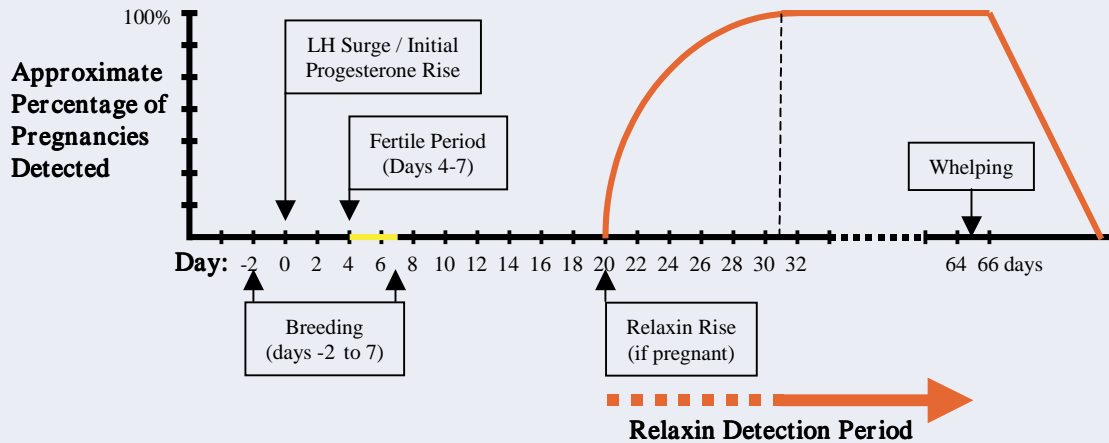


ReproCHEK™

Pregnancy detection in dogs

Relaxin rise in the pregnant bitch

The ReproCHEK™ kit detects the hormone relaxin produced by the developing placenta(s) as early as day 20 after the luteinizing hormone (LH) surge. It is suspected that factors such as breed, size of the bitch, and litter size may have some influence on the level of serum relaxin. Although approximately 80% of pregnant bitches are detected between 20 and 28 days post-LH surge, some may not be detected as positive until day 31. Since canine sperm have a fertile intrauterine lifespan of 6 to 7 days after breeding, initial detection post-breeding may vary (see below). For example, a bitch detected positive for relaxin 22 days post-LH will be claimed positive 24 days post-breeding if bred 2 days before the LH surge, and 16 days post-breeding if bred 6 days after the LH surge.



- ReproCHEK...a worldwide exclusive
- The first canine pregnancy test based on detection of relaxin
- Allows for early detection of pregnancy
- Use to diagnose pseudocyesis and embryonal resorption
- ReproCHEK can monitor pregnancy throughout gestation