

Draminski Canine Pregnancy Detector



This is a fully portable, cost effective, ultrasonic instrument which identifies whether or not a bitch is pregnant with maximum accuracy. The detector determines pregnancy by locating amniotic fluid in the uterus.

The Draminski Ultrasonic Pregnancy Detector (DPD) is ideally suited to pregnancy determination for individual breeders, large breeding & show kennels, veterinary surgeries and commercial organizations alike. It is designed to be easy to use, maintain and provide rapid results with maximum accuracy.

The testing procedure consists of simply pressing the ultrasonic probe against the skin. The ultrasonic probe (sensor) held against the skin of the bitch, emits ultrasonic sound waves which are reflected by the amniotic fluid in the uterus of the pregnant bitch and return to the probe. The reflected sound is then measured and analysed by the instrument.

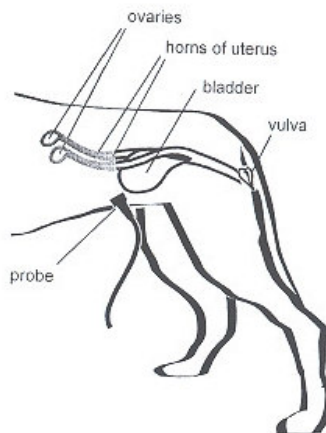


Diagram 1 - Correct Placement of the DPD Probe

When an airless contact is made between the head of the probe and the skin, the instrument signals this with the light-emitting diode (LED) pulsing and a high-frequency acoustic (sound) signalling regularly once a second. When pregnancy is detected, the instrument signals this with a rapid pulsing of the LED and a corresponding rapid high-frequency acoustic (sound) signal.

Test Settings

Setting the potentiometer (gain control) correctly is a very important step, which influences the validity of the results obtained.

Bitches vary in regard to weight and size for different breeds and therefore, the gain must be set to the particular position relevant to the size of the bitch that is being tested.

*Draminski Canine Pregnancy Detector (DPD) can be purchased from: **QuinnCarlin Distributors Ltd.**,
Phone: 866-MID-WOOF, www.midwoof.com, info@midwoof.com*

For ease of use, the potentiometer has been calibrated to show:

S	Small bitches
M	Medium bitches
L	Large bitches
G	Giant bitches

With usage, familiarity and experience, the gain control can be adjusted to suit the particular bitch, both in terms of breed type and actual size, so that an optimum setting is achieved to produce accurate results.

Operation

Before testing, ensure you know the date of mating, insemination, or the date of ovulation.

The best time to test the bitch is when she has an empty stomach and an empty bladder. A full stomach and/or bladder may cause false pregnancy results, by reflecting the ultrasound waves. It is best to confirm the results by testing on 3 occasions.

Testing can be performed from 3 weeks after mating. However the optimal time for accurate diagnosis is between days 25 & 28, because of the enlargement of the uterus at this time and its movement slightly downward, closer to the peritoneum. Testing prior to day 25 is possible, but accuracy decreases due to insufficient amniotic fluid being present to reflect the ultrasonic waves. Testing after the optimal period is also possible, but accuracy will decrease as the pups grow to fill the uterine horns.

Immerse the head of the probe in the gel, oil or other suitable contact medium (excellent results have been obtained by using normal household cooking oil) and then hold the probe against the skin of the bitch at the position shown on Diagram 1, below. Move the probe in a sliding motion until you achieve a good airless contact, indicated by a steady flashing green pulse of light from the diode and acoustic signal 'beeping' at the same frequency; approximately once per second. Note: Long haired breeds may need their belly hair trimmed in order to achieve the desired airless contact.

Predicting the Whelping Date:

If pregnant, a healthy bitch will whelp exactly 63 days after ovulation, regardless of when she was mated or when her eggs were fertilized. Therefore, knowing the date of ovulation will make your calculations much more precise.

More Detailed Instructions:

View a video demonstrating how to use the Pregnancy Detector.

http://www.quinn-carlin.ca/docs/Pregnancy_12345.avi

(Large File! ... Please be patient.)

View the Draminski Canine Pregnancy Detector Instruction Manual

<http://www.quinn-carlin.ca/DPDManual.php>

The Draminski Canine Pregnancy Detector can be purchased from:
QuinnCarlin Distributors Ltd.,
Phone: 403-843-4370, www.midwoof.com, info@quinn-carlin.ca

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