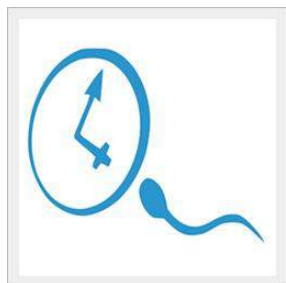


2015-04-30

OVUCHECK® Premate porcine



PRODUCT CODE: TRM-526

DESCRIPTION

OVUCHECK® PREMATE PORCINE is an immunoenzymatic (ELISA) kit which provides a simple and reliable measurement of progesterone in plasma or serum of female swine (gilts, sows). OVUCHECK® PREMATE PORCINE is intended for assessment of ovarian function and provides a reliable aid to sow reproduction management. Each kit contains sufficient reagents for up to 28 tests.

SUMMARY AND EXPLANATION

The OVUCHECK® PREMATE PORCINE test is based on the competitive binding of unlabelled progesterone present in the standard or sample, and a fixed quantity of progesterone labelled with the enzyme alkaline phosphatase (AP) (conjugate), to binding sites on a limited amount of specific progesterone antibodies.

The wells are pre-coated with specific progesterone antibodies, providing a solid phase for the capture of the progesterone present in the samples, the standards or the conjugate. After incubation, all components other than those bound to the plate wells are washed away. The amount of bound AP-labelled progesterone remaining on the wells is inversely proportional to the concentration of the unlabelled progesterone present in the sample. The bound labelled progesterone is then measured by making the AP react with its substrate during a second incubation. The colour obtained with the sample is compared to that produced by two standards of 2.5 and 5.0 ng of progesterone/mL.

CHARACTERISTICS

- Competitive ELISA
- Semi-quantitative test
- 2 progesterone standards (2.5 et 5.0 ng/mL)
- Tests per kit: 28



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ASSAY PROCEDURE	INCUBATION TIME/ TEMP.
1. Preparation of substrate	
2. Addition of samples, standards and conjugate and incubation	15 min/RT
3. Washings	
4. Addition of substrate and incubation	15 min/RT
5. Stopping of the enzymatic reaction	
6. Revelation with substrate	
7. Stopping of the enzymatic reaction	
8. Comparison of sample and standard colorations	

RT: Room Temperature