

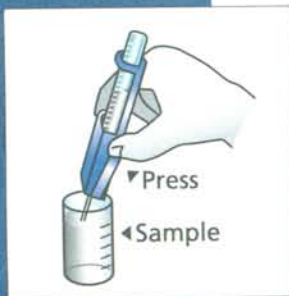
# FOALWATCH™



## Test Kit for Foaling Management

CHEMetrics' easy-to-use  
FoalWatch test kit predicts  
foal birth within 24 hours.  
Veterinarian recommended,  
non-invasive, FoalWatch  
Titrets® provide reliable  
results in about 3 minutes.

Draw small  
amounts  
of sample  
into the  
ampoule.



### Eliminates Nightly Foal Sitting

Because FoalWatch is based on proven chemistry, you can rest easier at night. The test measures the concentration of calcium in the mare's colostrum, which rises sharply before birth. Simply begin testing once or twice a day about 2 weeks before the mare's expected foaling date. When the calcium concentration consistently exceeds 200 parts per million (ppm), the birth is imminent.

### Safe and Easy to Use

FoalWatch contains no hazardous or toxic chemicals, is non-invasive, and requires no medical training to run. When the test is completed, the ampoule can be discarded with household waste.

### Veterinarian Recommended

Veterinarians at leading equine medical centers have evaluated FoalWatch as a foaling aid and call it "convenient, reliable and safe for the mare, foal, producer, and veterinarian alike."\*

### Contains Everything You Need to Test

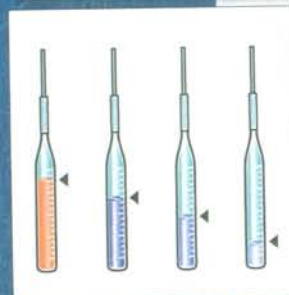
FoalWatch comes complete with 20 Titrets test ampoules, a test tube for collecting mare's milk, a bottle of distilled water, syringe, sample cup, and complete instructions.

### References

\*Ley, W.B., Hoffman, J.L., et al., "Daytime Management of the Mare: 1: Pre-Foaling Mammary Secretions Testing," *Journal of Equine Veterinary Science*, Vol. 9, No. 2, pp. 88-89, 1989.

West, T.S., DSC, Ph.D. *Complexometry with EDTA and Related Reagents*, 3rd ed. Poole, England: BDH Chemicals Ltd., p. 46, 164 (1969).

Calcium  
level  
increases  
as labor  
approaches...



50 ppm    70 ppm    175 ppm    350 ppm



# FOALWATCH™



## Product Information

### Testing Schedule

Sampling and testing should begin 10-14 days before the mare's expected foaling date (335-340 days from her last breeding date).

If the breeding date is unknown, begin when udders become enlarged. Run FoalWatch once a day until the calcium level consistently exceeds 100 ppm.

Begin testing twice daily (morning and late afternoon or evening) when the calcium concentration first exceeds 125 ppm. When the calcium level first reaches 200 ppm, about 50% of mares will foal within 24 hours and 98% will foal within 72 hours. (Birth within 24 hours is very rare when calcium levels are below 200 ppm.)

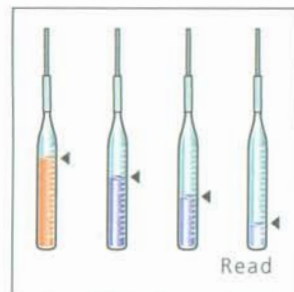
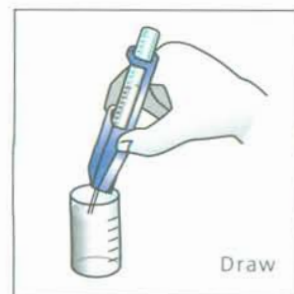
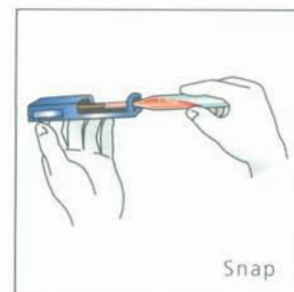
### Interferences

Mares exposed to fescue grass pastures contaminated by *Acremonium coephenophialum*, a fungus, during the last 60-90 days of gestation may fail to undergo normal udder development and experience failure to secrete colostrum.

Pre-foaling mammary secretion sampling does slightly increase the risk of infection to the mammary tissue, especially if the udder is not cleaned and dried prior to obtaining the sample.

### Easy Test Procedure

- Step 1.** Dispense with the syringe 1.5 ml of the mare's mammary secretion into the 25 ml sample cup. Add 9 ml of distilled water. Then add 1 drop of indicator solution.
- Step 2.** Snap the tip of the Titret ampoule at the score mark. Then immerse the Titret tip into the sample.
- Step 3.** Draw a small amount of sample into the ampoule. Its contents will turn bright orange. Gently rock the ampoule back and forth.
- Step 4.** Repeat Step 3 until a color change from orange to blue occurs. Then invert the ampoule and read the results in ppm directly from the scale on the ampoule.



#### Notes:

This test kit is intended as a foaling aid only, and should not substitute for standard veterinary care.

FoalWatch has an 8-month shelf-life.

**Sampling does not impair the supply of milk (or the antibodies it contains) available to the foal at birth.**

## For TECHNICAL and ORDERING INFORMATION

**FOALWATCH™ (20 Tests)**

**Range: 50-500 ppm**

**Catalog No.: K-1700**

**Technical Helpline: 1-800-356-3072**