

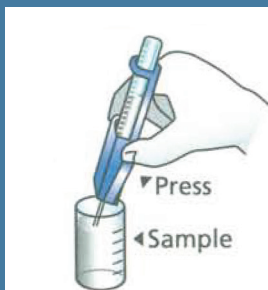
FOALWATCH™



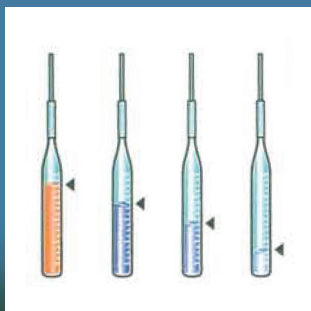
Serving the Equine Industry for Over 30 Years

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

*Draw small
amounts
of sample
into the
ampoule.*



*Calcium level
increases as labor
approaches...*



50 ppm 70 ppm 175 ppm 350 ppm



Eliminates Nightly Foal Sitting

Because the FoalWatch system 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

Use of FoalWatch kits requires no specialized training. Allows safe and comfortable movement of the mare prior to foaling.

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

The FoalWatch kit 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).



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 the FoalWatch test 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

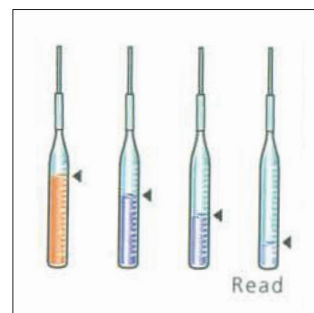
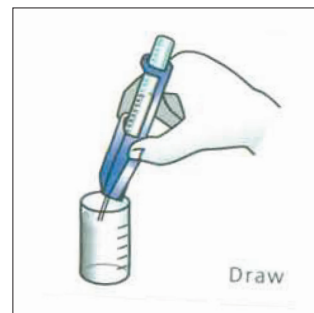
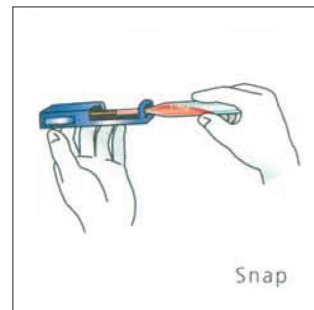
- Step 1.** Dispense with the syringe 1.5 ml of the mare's mammary secretion into the 25 ml sample cup. Add 9 ml of distilled water. Then add 1 drop of indicator solution.
- Step 2.** Snap the tip of the Titrets ampoule at the score mark. Then immerse the Titret tip into the sample.
- Step 3.** Draw 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