

COOPERATIVE  
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## ***Kentucky Dairy Notes***

***November 2009***

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Disabilities accommodated with prior notification

## **Blood Pregnancy Test**

BioPRYN is a commercially available cattle pregnancy test which measures pregnancy-specific protein B (PSPB) in the blood. PSPB is produced by the placenta and is present in the blood of a pregnant heifer or cow early after breeding until after calving. Animals should be 30 days or more after breeding before blood is taken for this test (32 days or more for embryo transfer), and more than 90 days after the previous calving so the PSPB from the previous pregnancy is gone.

The test is very accurate in determining pregnancy when used correctly and reasonably accurate in determining which heifers and cows are not pregnant. The not pregnant determination is not as accurate mainly because of embryo losses (animal was pregnant so has some PSPB in the blood).

BioPRYN is sold by Bio Tracking, Moscow, Idaho, (208)-882-9736. Detailed information can be found at [biotracking@biotracking.com](mailto:biotracking@biotracking.com). There is a Bio Tracking affiliate in Bedford Indiana: Bedford Veterinary Labs, 888-488-9858. The total cost of the test varies depending on the number of samples submitted, lab location, and the costs of supplies, blood sampling, and shipping. The lab in Bedford, Indiana charges \$2.40 per test for 26 or more samples, \$3.15 per test for 11-25 samples, and \$5.15 per test for 1-10 samples. Supplies are less than \$1.00 per sample, most folks utilize on-farm personnel to take the blood samples, and the samples are shipped by the United States Postal Service.

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