

## Important vaccine titer information for brood bitches

We are now offering a new service for our breeding bitches!

Dr. Ron Schultz at University of Wisconsin – Madison has a protocol he uses to customize vaccine protocols for litters of titered bitches.

In collaboration with Dr. Schultz's laboratory, we can now test your bitch for Distemper and Parvovirus titers during her heat cycle or pregnancy, up to 1 week prior to and after whelping. This is to help determine the specific date ranges necessary to maximize your puppy's vaccine responses and immunity they develop. By doing titers, we can minimize the number of vaccines administered, maximize immune responses, and minimize adverse vaccine reactions associated with non-customized vaccine protocols.

All that is needed is a simple blood sample we submit to his lab. This can be from a blood sample drawn at the progesterone testing to time her breeding or anytime during her pregnancy except within 1 week either side of whelping. During those times, her blood levels of antibodies drop to help protect her puppies so the test is not accurate for this short period.

We can collect and submit the sample, have it interpreted, and then determine when the first, middle and most importantly, last vaccines should be administered to your litter of pups. Samples drawn throughout timing her heat cycle and most of pregnancy, including at ultrasound for pregnancy, can be submitted for testing.

This breakthrough, the ultimate in customized medicine, is a service we can provide up to 2 months after the last blood is sampled on your bitch (if she was tested at our hospital) if you notify us you would like this submitted and arrange for payment.

The fee for this service is only \$65.26.

Please contact us at 920-269-4000 or [drgreer@veterinaryvillage.com](mailto:drgreer@veterinaryvillage.com) to arrange for this testing to be completed in time to establish your litter's **customized vaccine protocol**.