

## SERVICE AGREEMENT STATEMENT FOR PCR TESTING:

This service is performed pursuant to an agreement with Roche Molecular Systems.

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**POOLED BVD PCR TESTING**

Bovine Virus Diarrhea (BVD) PCR testing is available at the AHDC for the testing of blood and milk samples for the presence of the BVD virus. **Pooled BVD PCR** testing is also available, for which the laboratory creates pools from individual blood samples and tests the pool, rather than testing each sample individually. The cost of determining which animal(s) is positive when a pool tests positive is included in the test fee. Pooled testing should only be used to test otherwise apparently healthy animals for the detection of Persistently Infected (PI) animals. Clinical suspects should be tested individually. For pooled testing, *individual samples must be submitted separately and identified*. Composite samples will be rejected. Ideally, on the submission form we would like samples to be grouped sequentially by age and specimen type. Be sure to request "Pooled BVD PCR" on the submission form.

**Effective October 1, 2008, POOLED BVD PCR testing will be performed, if appropriate, on multiple blood samples submitted for detection of BVDV Persistently Infected (PI) animals unless the INDIVIDUAL BVD PCR test is indicated.**

**Pooled BVD PCR testing for CATTLE**

For cattle *under 61 days of age*, plasma or serum will *not* be tested – only EDTA whole blood will be accepted. Ship EDTA whole blood samples overnight – do not freeze. Up to 10 samples of EDTA whole blood will be pooled but only if *all* animals are under 61 days of age. Another option for BVDV PI testing for cattle under 61 days of age is an ear notch sample for an individual ACE test.

For cattle *61 days of age and older*, acceptable samples are EDTA whole blood, EDTA plasma, and serum/red top tubes. Up to 10 samples will be pooled but only if *all* animals are 61 days of age or older. It is possible to pool plasma samples with serum samples in special situations but please group sample types together on the submission form.

**Pooled BVD PCR testing for ALPACAS**

Up to 5 samples from animals 61 days of age or older will be pooled. Only 2 samples from animal under 61 days of age will be pooled. Samples from animals in these two different age groups will not be pooled together. For crias under 61 days of age, plasma and serum will *not* be tested – only EDTA whole blood will be accepted. Ship EDTA whole blood samples overnight – do not freeze.

Please note that the AHDC will *not* pool ear notch samples or samples for Antigen Capture ELISA (ACE) tests.