



Colorado Department of Agriculture Rocky Mountain Regional Animal Health Laboratory

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Serology Testing Sample Submission Protocol

These guidelines apply to all serology tests submitted to the Rocky Mountain Regional Animal Health Laboratory (RMRAHL).

1. An accredited veterinarian must obtain all blood samples.
2. Collect blood samples in red top tubes. Do not send plasma. Use a new needle and syringe for each animal sampled. Please provide 5 cc of whole blood or 1-2 cc of serum for each test needed whenever possible. Protect blood samples from direct sunlight, extreme heat, and freezing to prevent hemolysis and degradation of serum.
3. Number the samples in consecutive order to match the submission form. Use permanent ink. The submission form must be signed and dated by the submitting accredited veterinarian. Indicate the specific tests needed. The laboratory does not save samples.
4. Samples should be sent to the lab as soon as possible after collection. Samples may be sent with cold packs to prevent lysis during warmer months and insulated to protect from freezing during colder months. Please package samples carefully so they are not damaged or do not leak in transit. Submissions should comply with applicable biosafety guidelines and shipping regulations. Contact RMRAHL for specific submitting instructions and/or assistance.