



# COLORADO

## Department of Agriculture

Division of Laboratory Services

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### ***T. foetus* Sample Submission Protocol for Cattle**

1. AHL accepts InPouches and Transit Tubes for individual PCR or pooled PCR. These tests are considered official tests (i.e. for change of ownership, importation into Colorado, or moving to a grazing association). Animals must have both a Trich tag and an official ID.
2. AHL accepts InPouches for culture. This is not considered an official test and may not be used for change of ownership, importation into Colorado, or movement to a grazing association.
3. Store pouches horizontally and tubes vertically at room temperature (60° -98° F) in a dark area until ready to use. Keep away from direct sunlight. Check expiration date on InPouch or Transit Tube before use. Do not use expired tubes or pouches. AHL does not accept expired tubes or pouches.
4. Refer to pouch and tube instructions for sample collection information and precautions. There are various recognized techniques used in sample collection for *T. foetus*.
5. Before taking a sample from a bull, Biomed's package insert recommends rinsing the prepuccial orifice with a saline solution to reduce *T. spp* (non-*T. foetus*) contamination from manure.
6. Deposit approximately 0.5-1.0 cc of the sample into the pouch's upper chamber or the tube.
  - 6.1. For pouches: Express the contents of the upper pouch chamber into the lower chamber. Roll or fold the pouch down several times to the top of the label. Fold the wire tape's end tabs to lock the roll.
  - 6.2. For tubes: Be sure the lid is evenly and securely screwed onto tube.
7. Label pouches and tubes clearly and legibly. Pouches and tubes must be maintained at room temperature. Do not refrigerate or freeze. Complete the sample submission form. Please make sure the form has the date the sample was taken.
8. Samples should be shipped in an insulated container to maintain room temperature.
9. InPouch samples requesting culture must be received within 48 hours of collection.
10. InPouch and Transit Tube samples requesting PCR must be received within 72 hours of collection.
11. Lactated Ringers (LRS) samples for either culture or PCR must be received by the lab within 24 hours and will be transferred to an InPouch or Transit tube upon arrival for an additional fee. AHL cautiously advises the use of LRS only in emergency situations.
12. If pooled PCR is requested, the laboratory will pool the samples upon arrival. Please do not pool the samples in the field.