



AHDC Contacts

Phone: 607-253-3900 Web: diagcenter.vet.cornell.edu
Fax: 607-253-3943 E-mail: diagcenter@cornell.edu

Vibrio & Trich for Male Cattle

These are instructions for collecting specimens for *Campylobacter fetus* culture fluorescent antibody and *Tritrichomonas foetus* culture (Vibrio & Trich) for testing by the Animal Health Diagnostic Center (AHDC).

Equipment and Materials supplied by request from the AHDC

1. Lactated Ringers (5ml) in screw top vial
2. Clark's Medium
3. InPouch TF *Tritrichomonas foetus* culture system
4. Sterile, disposable collection catheter with protective sheath
5. Sterile rubber bulb (return to lab for credit to your account)

Needed but not supplied by the AHDC

6. Syringe (3cc) and needle

Procedures

1. Attach rubber bulb to collection catheter
2. Position guarded catheter along the distal shaft of the penis; gently push catheter through tip of protective guard
3. Apply negative pressure with the bulb while scraping the glans and shaft to draw specimen into the catheter.

A. For both *t. Foetus* and *c. Foetus* culture and/or fluorescent antibody

1. Expel sample from catheter into vial of lactated ringers (LR), gently rinsing with LR.
2. Follow steps 1-3 below to open the InPouch.
3. Using 3cc syringe and needle, transfer 1cc of the lactated ringers-mucus suspension to the open InPouch TF, and proceed with Step 5 below. **DO NOT Puncture Pouch.**
4. **For *C. fetus* fluorescent antibody**, submit the remaining lactated ringers sample without further processing.
5. **For *C. fetus* culture**, use the 3cc syringe with needle to draw up 1cc of lactated ringers-mucus suspension and inject into the bottle of Clark's transport medium.
6. Ship to the AHDC *unrefrigerated immediately*. *The specimen can be held no longer than 3 days in Clark's Medium.*
7. Store Clark's Media refrigerated until used. **Media expiration date is two weeks before the preparation date in our lab.**

B. For only *t. Foetus* culture, use the InPouch system

1. Make sure the liquid medium in the upper chamber is below the closure tape.
2. Tear open the pouch at the notch just above the closure.
3. Separate the flaps by pulling on the tabs to open the pouch.
4. Insert the catheter containing the specimen through the pouch opening and into the liquid of the upper compartment. Expel the sample out of the catheter. If the sample adheres to the catheter, gently rinse with some of the medium. *Avoid producing bubbles.*
5. Close the pouch by folding and rolling the tape towards you. Roll 2 or 3 times and fold the tabs behind the pouch to lock.
6. Express the contents of the upper compartment into the lower compartment. Roll down the pouch until the tape is at the top of the liquid, with the label still visible, and fold the wire tape tabs to lock the roll.
7. Ship to the laboratory UNREFRIGERATED.