



## **REPRODUCTION SECTION**

### **SERVICES RENDERED BY THE SECTION**

- a. Isolation and identification *Tritrichomonas foetus*
- b. Isolation and identification of *Campylobacter* sp.

### **COLLECTION AND SUBMISSION OF SHEATH SCRAPE OR SHEATH WASH**

#### **SAMPLES**

#### **GENERAL PRECAUTIONS**

- All possible precautions must be made to collect the sample as cleanly as possible.
- Gloves should be changed between bulls, all equipment should be disinfected between animals.

#### **SAMPLES CAN BE SUBMITTED IN ONE OF THE FOLLOWING MEDIA**

- Trichomonas media
- Weybridge Transport media
- Skim Milk
- Phosphate Buffered Saline (PBS)

**Phosphate Buffered Saline (PBS); Trichomonas media and Weybridge transport media will be supplied by the laboratory with prior arrangements made, provided that the sample/s are to be tested / processed by Allerton Provincial Veterinary Laboratory.**

- ❖ **Sheath wash (preputial washing)** can be taken in both **Phosphate Buffered Saline (PBS)** and **Skim Milk** and submitted to the laboratory within 4-6 hours after the sample has been collected.



## KWAZULU-NATAL PROVINCE

AGRICULTURE AND RURAL DEVELOPMENT  
REPUBLIC OF SOUTH AFRICA

- **Phosphate Buffered Saline (PBS)** → for both *Trichomonas* and *Campylobacter* testing.
- **Skim Milk** → for testing of *Trichomonas* (Culture) only.

❖ **Sheath scraping** is done in ***Trichomonas* media**, **Weybridge transport media** (Camp), **Skim Milk & PBS** (Provided the volume of the media is reduced to a minimum level (at least 35ml) when doing scraping in order to increase the concentration of the organism if present in the media). After collection samples must be submitted to the laboratory as soon as possible preferable within 24 hours or 4-6 hours for PBS.

- ***Trichomonas* media**→ for testing of *Trichomonas* foetus only (Culture).
- **Weybridge transport media**→ for testing of *Campylobacter* only (Culture).

**NOTE:** If samples cannot reach the laboratory immediately after collection, samples must be kept cool, at 4 – 8°C until it reaches the laboratory. When packing or sending samples to the laboratory, ice packs must be used. Do not freeze the samples.

- The laboratory's current submission form must be comprehensively completed and submitted with samples.

### Test Fees

Please refer to the current test and fees list or contact the laboratory for fees on tests requested.

### Section Contact Details

State Veterinarian: Dr. Rachel Dliwayo  
Tel: +27 033 347 6234  
Email: [rachel.dliwayo@kzndard.gov.za](mailto:rachel.dliwayo@kzndard.gov.za)

Veterinary Technologist: Ms Nokukhanya Simelane  
Tel: +27 033 347 6287 (Office)  
Tel: +27 033 347 6290 (Laboratory)  
Email: [nokukhanya.simelane@kzndard.gov.za](mailto:nokukhanya.simelane@kzndard.gov.za)