

## INTRODUCTION

### INTENDED USE

The TF Transit Tube is a self-contained system for the collection and transport of *Trichomonas foetus* from bovine preputial or vaginal samples. The proprietary medium is selective for *Trichomonas*, while inhibiting the growth of other organisms.

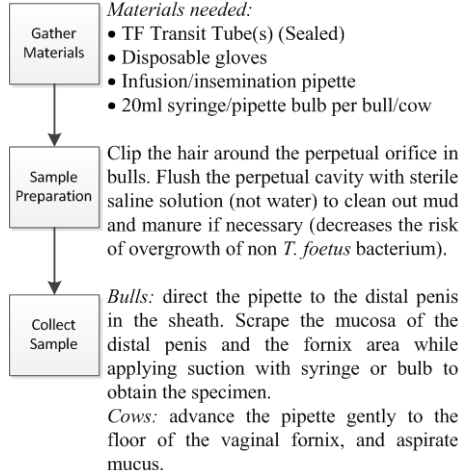
### PRINCIPALS OF THE PRODUCT

The TF Transit Tube is designed to facilitate the identification of *T. foetus* with PCR technology by providing:

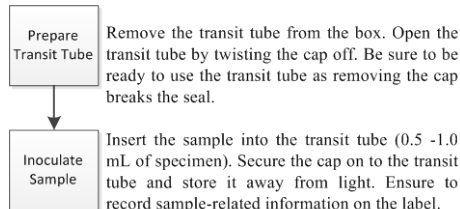
- Easy, field-sample inoculation
- Improved *Trichomonas* selectivity with our proprietary “Gold Standard” TF medium
- Safe transport and preservation of the specimen
- DNA extraction & PCR compatible
- Suppression of yeast and bacteria in the sample

## USING THE TRANSIT TUBE

### SAMPLE COLLECTION



### INOCULATION



### INCUBATION (OPTIONAL)

Incubate the TF Transit Tube vertically in the dark at 32°C-37°C for 24-48h. Consult your testing lab for specific sample handling requirements.

### TRANSPORTATION

The TF Transit Tube is designed for safe transport. Inoculated TF-Transit tubes should be transported within 48 hours after inoculation and maintained at 4°C - 37°C

### REAGENTS

The TF medium contains peptones, maltose and other nutrients, amino acids, salts and antimicrobial agents in a phosphate buffered saline base.

### SPECIFICITY

TF medium is known to be effective in preserving *T. foetus*, *T. suis*, *T. galliniae* and *P. hominis*.

### STORAGE AND SHELF LIFE

Do not **refrigerate or freeze** the TF Transit Tube. Upon receipt, store at room temperature (18°C - 25°C), away from direct sunlight. Do not use expired tubes. Do not use a tube if the media appears to Be cloudy, leaky, dark brown or dried.

## QUALITY CONTROL

The TF Transit Tube is manufactured under strict quality control at BioMed. Each lot undergoes QC performance testing prior to release. Additional performance testing is repeated throughout the marked shelf-life to ensure absolute reliability of the product.

## SAFETY

**The TF Transit Tube is for veterinary specimen transport to be used in conjunction with nucleic acid-based testing, i.e. PCR.**

**Consult your local State Department of Agriculture regulations before use. Some states require that only certified veterinarians collect and submit bovine TF sample.**

The TF growth medium suppresses but does not eliminate yeast and bacterial growth. A build-up of gas from bacterial growth can be vented by opening the cap inside a BSL-2 rated biological safety cabinet.

**WARNING:** This product contains chemicals known to the State of California to cause cancer, birth defects and other reproductive harm.

## DISPOSAL

Since the TF Transit Tube has potential for containing live, infectious materials, it must be destroyed by autoclaving at 121°C for 20 minutes or other suitable means for sterilization and disposal of BSL-2 organisms.

## REFERENCES

- McMillen & Lew. *Vet Parasitol*. 2006. 141:204
- Clavijo, *et al. J Vet Diagn Invest*. 2011. 23:982
- Davidson, *et al. J Am Vet Med Assoc*. 2011. 239:1589
- BonDurant. *Vet Clin North Am Food Anim Pract*. 1997. 13(2):345-61
- Thomas, *et al. Agri-Practice*. 1990. 11:13-17
- Borchardt, *et al. Veterinary Medicine*. 1992. 11:104-112

# TF Transit Tube

A Premium Sample Collection  
and Transport Device,  
for bovine *T. foetus* samples

Cat. No. 60-1010

10-pack

Cat. No. 60-1050

50-pack

For Veterinary Use Only



*Manufactured by:*  
Biomed Diagnostics, Inc.

PO Box 2366 • White City, OR 97503  
tel. (800)-964-6466 • fax. (541) 830-3001  
info@biomeddiagnostics.com  
www.biomeddiagnostics.com