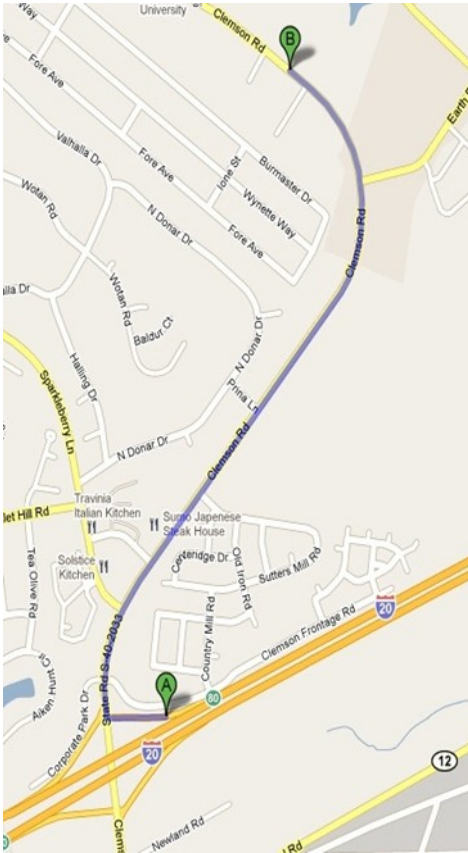


## How to Find Us:



We are located on Clemson Road in Columbia, SC.

Take exit 80 off of I-20 and follow Clemson Rd for approximately 2 miles.

We are 1/4 mile on the right after the traffic light at the junction of Earth Road.

## Hours of Operation:

Monday - Friday: 8am - 4:30pm

## Additional Receiving Hours: (Receiving is located at the rear of building)

Monday - Friday: 4:30 - 6:30pm

Saturday: 10am - 2pm

Sunday: CLOSED

Holiday Schedule:

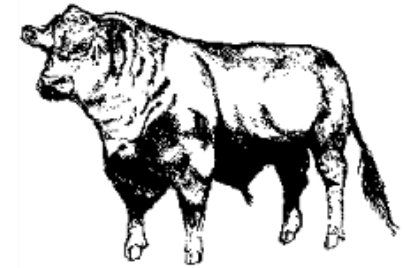
New Years, July 4<sup>th</sup>, Thanksgiving,  
Christmas: CLOSED

Other state holidays (drop off):  
10am - 2pm

**CLEMSON**  
LIVESTOCK POULTRY HEALTH  
VETERINARY DIAGNOSTIC CENTER



## Trichomonas Testing at CVDC



Shipping/Mailing  
Address: 500 Clemson  
Rd Columbia, SC 29229  
Phone: 803-788-2260  
Fax: 803-788-8058

# TRICHOMONAS TESTING

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## WHAT IS TRICHOMONAS?

“Trich” is a sexually transmitted infectious disease of cattle. It is caused by a protozoan parasite *Tritrichomonas foetus*, which is about the size of a sperm. These parasites hide out in folds found on the penis and prepuce of the bull.

## How is Trich spread?

Trich is spread at the time of breeding. Most often it is spread from the infected bull to an uninfected cow; however, spread from an infected cow to an uninfected bull can occur. Transmission from contaminated insemination equipment or CIDR devices has also been reported.

## How do I know if my cows have Trich?

Bulls show no clinical signs of disease. The main indicator of infection is infertility in cows. Other clinical signs can include vaginal discharge or early term abortions. Infertility can have many causes, so if you and your vet have ruled out more common causes then consider testing for Trich.

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**More info on Trich can be found at:**

[www.clemson.edu/public/lph/ahp/species/beef.html](http://www.clemson.edu/public/lph/ahp/species/beef.html)

## HOW CAN I PREVENT TRICH?

As bulls are carriers, especially older bulls (>3 years), regular testing of preputial/penis washes before breeding season can help detect infected bulls. Removal of infected bulls from breeding is recommended.

- Test all bulls before coming onto the farm.
- Using young or virgin bulls will greatly reduce the risk of Trich on the farm.
- Do not share or lease bulls and maintain good fences so that neighboring bulls can't get into the pasture with your cows.
- Cows with Trich usually clear the infection on their own, which usually takes 90-95 days. Cows do not act as carriers, so once it is cleared they should be fine to breed. Caution should be used when re-breeding as the cow could spread Trich to an uninfected bull.

## How can I test for Trich?

Sample collection must be performed by an accredited veterinarian and usually is done at the time of the breeding soundness exam.

Preputial/penile washes or scrapings are taken and placed in commercially available media. This InPouch media can be purchased by the veterinarian through BioMed Diagnostics, Inc. Call 866-964-6466 to purchase the media. ([www.biomeddiagnostics.com](http://www.biomeddiagnostics.com))

## Testing at CVDC

In order to better serve the SC cattle industry we have added Trichomonas PCR to our inventory of tests.

If you require Trich testing for your bulls we ask that you contact us a week ahead of collection so that we can coordinate our schedules to accommodate your testing needs.

## How long will it take to receive results?

Delivered to the lab Monday -Wednesday, results can be expected in 48 hrs.

Delivered to the lab Thursday - Friday, results can be expected by Tuesday of the following week.

## How much does testing cost?

Rates are reviewed and subject to change annually. Call for current pricing or see the "Service Fee & Schedule" on our website.

[www.clemson.edu/public/lph/cvdc](http://www.clemson.edu/public/lph/cvdc)

## Important Information

At the current time the PCR tests can only be run on samples in the InPouch or TF-Transit tubes from BioMed Diagnostics.

During transport, samples must be kept in a temperature range of 59-98°F (15-37°C). If samples are kept out of this temperature range results will not be valid and repeat testing may be necessary.