

2014-12-23

## BOVICHEK® BoHV-1 gB



PRODUCT CODE: TRM-550

### DESCRIPTION

This kit is based on an immunoenzymatic assay for the detection of antibodies against bovine herpes virus 1 (BoHV-1) in bovine serum using BoHV-1-gB specific monoclonal antibodies.

### SUMMARY AND EXPLANATION

Infectious bovine rhinotracheitis (IBR) is a highly contagious disease caused by BoHV-1. The virus which affects domestic and wild cattle is present worldwide but has been eradicated from several countries. The disease is characterized by clinical signs of the upper respiratory tract (rhinitis, conjunctivitis, tracheitis) accompanied by signs of general illness (fever, depression, inappetence, abortion). Moreover the virus can also infect the genital tract and cause pustular vulvovaginitis and balanoposthitis. Mortality is usually low and numerous infections are subclinical. Following infection the virus persists in a latent state for the entire life of the animals. It can be occasionally reactivated eventually resulting in virus shedding without clinical signs.

### CHARACTERISTICS

- 2 x 96 tests
- Sensitive, specific, and reproducible
- Rapid (about 2 hrs 30)
- Easy to perform

### ASSAY PROCEDURE

### INCUBATION TIME/ TEMP.

1. Dispense samples and controls and incubate	1 hour at 37°C
2. Wash	
3. Dispense conjugate and incubate	1 hour at 37°C
4. Wash	
5. Dispense substrate and incubate	15 minutes at room temperature
6. Dispense stop solution and read at 450 nm	



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**IMPORTANT :**

- Requires a permit to release veterinary biologics from CFIA in Canada. This product is not licensed by CFIA and any claims made have not been substantiated by CFIA.
- Requires a Research and Evaluation import permit from the USDA in the US. This product is not licensed by the USDA and any claims made have not been substantiated by the USDA.