

2014-12-23

Pathasure Enteritis 4



PRODUCT CODE: TRM-507

DESCRIPTION

This kit is an immunoenzymatic assay intended for the detection of Rotavirus, Coronavirus, *Escherichia coli* (*E.coli*) K99 and *Cryptosporidium parvum* antigens in bovine feces.

SUMMARY AND EXPLANATION

Diarrhea problems in the calf are often caused by Rotavirus, Coronavirus, *E. coli* K99 or *Cryptosporidium parvum*. These problems can lead to important economical losses since affected animals generally show reduced weight gain, sometimes resulting in death. Quick identification of the pathogen involved helps in disease control. It is recommended to test the feces of at least 3 calves per infected herd throughout symptom evolution.

CHARACTERISTICS

- Indirect ELISA: Specific Antibodies to Rotavirus, Coronavirus, *E. coli* K99, *Cryptosporidium parvum*
- Rapid (Less than 2 hours)
- Qualitative test
- Test per kit : 1 well is needed to test each agent
 - Example: 22 fecal samples can be tested for the 4 agents
 - 94 fecal samples can be tested for 1 agent only

ASSAY PROCEDURE

INCUBATION TIME/ TEMP.

1. Preparation of samples	
2. Incubation of samples and controls	30 min / 23°C
3. Successive washes	
4. Incubation with conjugates	30 min / 23°C
5. Successive washes	
6. Revelation with substrates	15 min / 23°C
7. Reading the results	Visual



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IMPORTANT :

- CFIA-licensed for export – requires a permit to release veterinary biologics from CFIA in Canada.
- 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.