

RIDX®

Bovine Cryptosporidium Ag Test Kit

Bovine cryptosporidiosis, a gastrointestinal disease of cattle, is caused by the protozoan parasite *Cryptosporidium*. It's a major cause of neonatal calf diarrhea and can be fatal if not managed properly. The infection constitutes a pervasive global phenomenon that results in substantial economic losses within the beef and dairy industries.

The RIDX® Bovine Cryptosporidium Ag Test Kit is a lateral flow chromatographic immunoassay for the detection of oocyst of *Cryptosporidium parvum* in bovine feces within 10 minutes.

Principal: Chromatographic immunoassay for the qualitative test

Specimen: Bovine feces

Components

Cryptosporidium Ag test device (10 tests)
 Sample dilution buffer (10 tubes)
 Disposable swab (10 ea)
 Dropper cap with filter (10 ea)
 Paper rack for standing buffer tubes (1 ea)
 Instructions for use (1 sheet)



Features

Sensitivity 95.56% (43/45) vs. PCR

Specificity 99.64% (278/279) vs. PCR

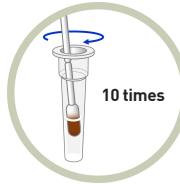
No cross-reactivity with other bovine pathogens (Aino virus, Akabane virus, BCV, BHV-1, BRSV, Rotavirus, *E. coli* K99, *Giardia lamblia*, Parainfluenza virus SF-4)

Test Procedure

1 Using a swab to collect the fecal specimen.



2 Put the swab into the sample dilution buffer tube and stir the solution 10 times with the swab.



3 Break the head of the cotton swab and discard the rod.



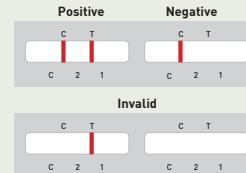
4 Attach a dropper cap to the top of the buffer tube.



5 Apply 4 drops of the processed solution in the sample hole (S) on the device.



6 Read the result at 10 minutes.



CAT No.	Description	LIC No.	Type	Package size
LGM-BCG-11	RIDX Bovine Cryptosporidium Ag Test Kit	300-035	LFA*	10 Tests/Kit

* LFA: Lateral flow assay