

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

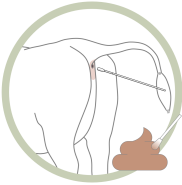
Specificity 99.64% (278/279) vs. PCR

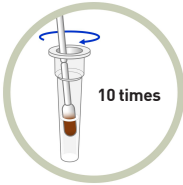
No **cross-reactivity** with other bovine pathogens (Aino virus, Akabane virus, BCV, BHV-1, BRSV, Rotavirus, *E. coli* K99, *Giardia lamblia*, Parainfluenza virus SF-4)

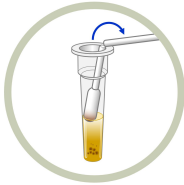



Test Procedure


- 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**.

Positive

C	T
C	2 1

Negative

C	T
C	2 1

Invalid

C	T
C	2 1

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

* LFA: Lateral flow assay