



KITVIA

# Field test for Calf Diarrhea diagnostic

## CALF DIARRHEA

Rapid immunochromatographic test for antigenic identification and differentiation of Calf diarrhea agents such as Cryptosporidium, Rotavirus, Coronavirus, E.Coli F5 (K99) and Giardia

Newborn calves are susceptible to neonatal calf diarrhea especially during their first 3-4 weeks of life. Bacteria, viruses and/or parasites that harm the intestinal lining of calves lead to diarrhea. Calf diarrhea is one of the most damaging cost for bovine farms because once infected, the calves suffer from insufficient food intake, weight loss and dehydration. Calf diarrhea is often considered as a critical and emergency case that requires swift diagnosis in order to set appropriate treatment and rehydration protocol. The Rapid Calf Diarrhea Ag is the perfectly designed field-test to identify and differentiate quickly diarrhea causing agents.

- For differential diagnosis of calf diarrheal disease
- Calf diarrhea etiologic agent monitoring in field
- For cases that require immediate treatment

### Product benefits

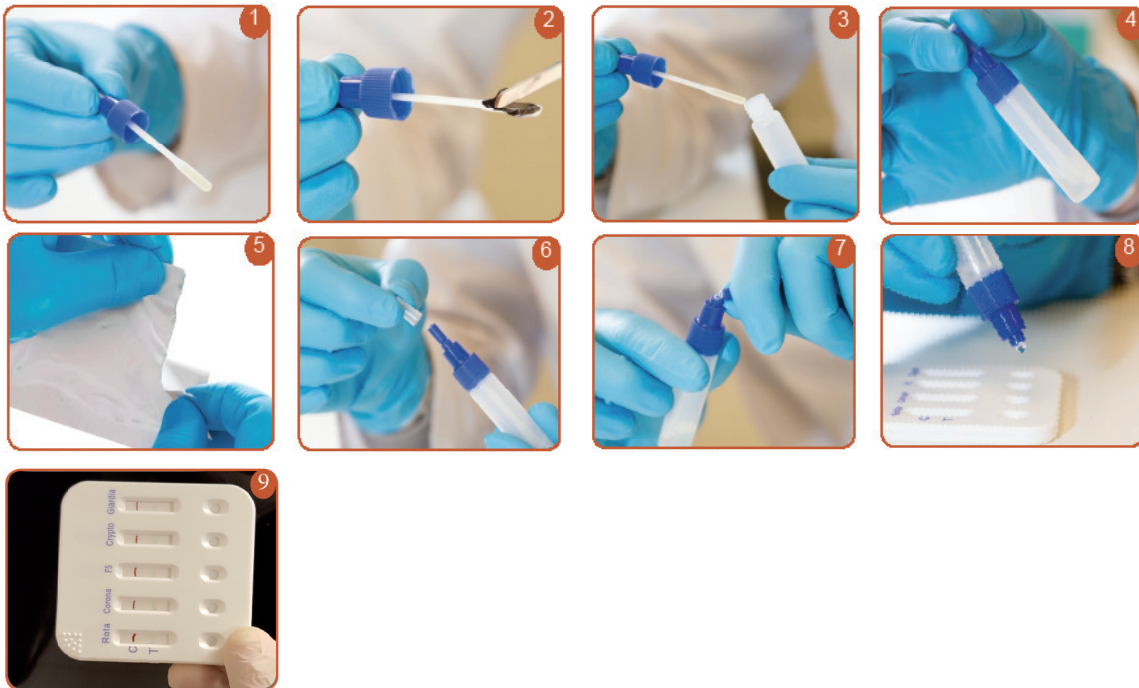
- Easy procedure
- Sample : diarrheal feces
- Results in 10 minutes !
- 10-tests kits of individual tests
- Room temperature storage

New test procedure !



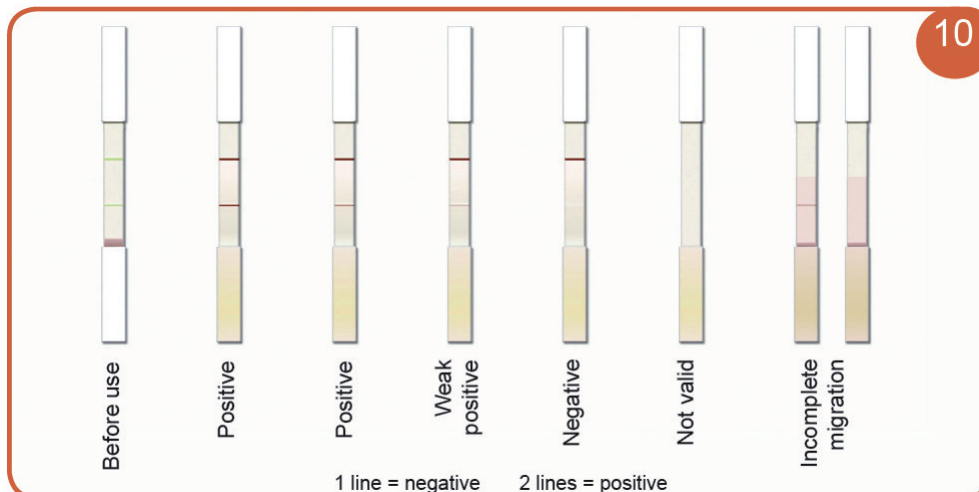
R  
A  
P  
I  
D  
  
T  
E  
S  
T





R  
A  
P  
I  
D  
T  
E  
S  
T

## Interpretation of results



## Reliability

Pathology	Gold standard	Sensibility	Specificity
Coronavirus	ELISA	88,9%	98,7%
	PCR	63,6%	97,3%
Rotavirus	ELISA	89,4%	95%
	RNA electrophoresis	96%	100%
Cryptosporidium	Flotation	94,4%	95,5%
	ELISA	100%	92,3%
	PCR	78,3%	93,3%
E.coli F5 (k99)	ELISA	80%	99,4%
	PCR	82,6%	94,4%
Giardia	ELISA	100%	96,2%

Reference	Description	Pack.
B9TRDIAVU	Calf Diarrhea Rapid Test Ag	1x1
B9TRDIAV10	Calf Diarrhea Rapid Test Ag	1x10