INTENDED USE

The B.CPE Ag Test is a sandwich lateral flow immunochromatographic method for the qualitative detection of Clostridium perfringens antigen (CPE Ag) in cattle's feces specimen.

Assay Time: 5-10 minutes

Specimen: feces

PRINCIPLE

The CPE Ag Test is based on sandwich lateral flow immunochromatographic analysis. The test device has a test window. The test window has an invisible T (test) area and C (control) area. When the sample is applied to the sample well on the device, the liquid will flow laterally on the surface of the test strip. If there is enough CPE antigen in the sample, a visible T band will appear. The C line should always appear after the sample is applied, indicating a valid result. The device can accurately indicate the presence of Clostridium perfringens antigen in the sample.

REAGENTS AND MATERIALS

- 10 test pouches, with cards and disposable droppers
- 10 vials of assay buffer
- 10 bags of swab stick
- 1 package insert

STORAGE AND STABILITY

The kit can be stored at room temperature (2-30°C). The test kit is stable through the expiration date (18 months) marked on the package label. DO NOT FREEZE. Do not store the test kit in direct sunlight.

SPECIMEN PREPARATION AND STORAGE

Specimen should be obtained and treated as below.

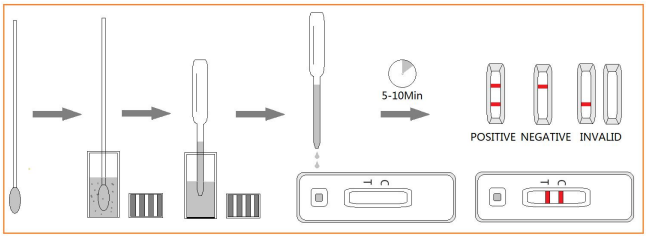
- Collect the feces of the cattles to be tested with a swab (the amount of collection should not be too much, to cover 1/3 to 2/3 of the swab tip is appropriate)

TEST PROCEDURE

- Allow all materials, including specimen and test device, recover to 15-25°C before running the assay.
- Take out the test device from the foil pouch and place it horizontally.
- Insert the swab into the provided assay buffer tube. Agitate it to get efficient sample extraction.
- Suck the treated sample extraction from the assay buffer tube and place 4 drops into the sample well "S" of the test device.

Note: If the liquid will not flow through the surface of the test strip in 30 seconds, please add another drop of the treated sample extraction.

- The result should be interpreted after 5-10 minutes, and the result is invalid after 15 minutes.



INTERPRETATION OF RESULTS

- Positive (+): The presence of both "C" line and zone "T" line, no matter T line is clear or vague.
- Negative (-): Only clear C line appear. No T line.
- Invalid: No colored line appears in C zone. No matter if T line appears.

PRECAUTIONS

- All reagents must be at room temperature before running the assay.
- Do not remove test cassette from its pouch until immediately before use.
- Do not use the test beyond its expiration date.
- The components in this kit have been quality control tested as standard batch unit. Do not mix components from different lot numbers.
- All specimens are of potential infection. It must be strictly treated according to the rules and regulations by local states.

LIMITATION

B.CPE Ag Test is designed for in vitro veterinary diagnosis use only. All result should be considered with other clinical information available with veterinarian. It is suggested to apply a further confirmative method such as RT-PCR when positive result was observed.

Manufacturer:
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