

Infectious Bovine Rhinotracheitis Virus Antibody Rapid Test

Catalog No.: JIB316

INTENDED USE

The Infectious Bovine Rhinotracheitis Virus Antibody Rapid Test (IBR Ab) is a lateral flow immunochromatographic assay for the qualitative detection of IBR antibodies in cattle's serum or plasma specimen.

Assay Time: 5-10 minutes

Specimen: serum, plasma

PRINCIPLE

The Infectious Bovine Rhinotracheitis Virus Antibody Rapid Test is based on sandwich lateral flow immunochromatographic assay. The test device has a testing window for the observation of assay running and result reading. The testing window has an invisible T (test) zone and a C (control) zone before running the assay. When the treated sample was applied into the sample hole on the device, the liquid will laterally flow through the surface of the test strip and react with the pre-coated IBR antigens. If there are IBR antibodies in the specimen, a visible T line will appear. The C line should always appear after a sample is applied, which indicates a valid result.

REAGENTS AND MATERIALS

- 20 Test devices, with disposable droppers
- 1 Bottle of Assay buffer
- 1 Products Manual

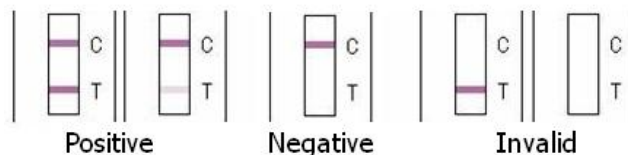
STORAGE AND STABILITY

The kit can be stored at room temperature (4-30°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.

TEST PROCEDURE

- Collect cattle's fresh whole blood, and get the serum or plasma specimen for use. Immediately apply the testing once collected the specimen.
- 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.
- Using the disposable dropper to place 1 drop (approx. 40µL) of the prepared specimen into the sample hole "S" of the test device. Then drop 3 drops (approx. 90µL) of the assay buffer into the sample hole immediately.
- Interpret the result in 5-10 minutes. Result after 15 minutes is considered as invalid.

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 appears. 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

The Infectious Bovine Rhinotracheitis Virus Antibody Rapid Test is for in vitro veterinary diagnosis use only. All result should be considered with other clinical information available with veterinarian.



J&G Biotech Ltd

326 Cleveland Road, London

England E18 2AN, United Kingdom

PN:20221125JG316