

Anti-gB Porcine Pseudorabies Virus Antibody Rapid Test

Catalog No.: JIP506

INTENDED USE

The Anti-gB Porcine Pseudorabies Virus Antibody Rapid Test is a lateral flow immunochromatographic assay for the qualitative detection of anti-gB Antibodies of Porcine Pseudorabies Virus (PRV-gB Ab) in pig's serum, or plasma specimen.

Assay Time: 5-10 minutes

Specimen: serum, plasma

PRINCIPLE

The Anti-gB Porcine Pseudorabies 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 PRV-gB antigens. If there are PRV-gB 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. By this means, the device can accurately indicate the presence of Anti-gB Porcine Pseudorabies Virus antibodies in the specimen.

REAGENTS AND MATERIALS

- 20 Test devices, with disposable droppers
- 1 Products Manual

STORAGE AND STABILITY

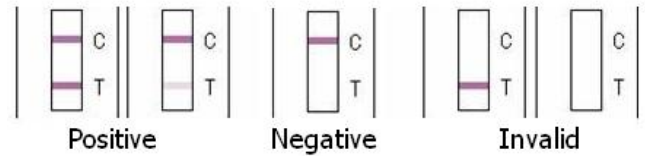
The kit can be stored at room temperature (4-30°C). The test kit is stable through the expiration date (18 months) marked on the package label. **DO NOT FREEZE**. Do not store the test kit in direct sunlight.

TEST PROCEDURE

- Collect pig's fresh whole blood, 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.
- Place 3 drops (approx. 120µL) of serum or plasma specimen into the sample hole "S" of the test device
- 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. It indicates that the titer of PRV-gB antibody in the specimen is above 1:40. The deeper the color, the higher the titer.
- **Negative (-):** Only clear C line appears. No T line. It indicates that the titer of PRV-gB antibody in the specimen is below 1:40.
- **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 Anti-gB Porcine Pseudorabies Virus Antibody Rapid Test is 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 ELISA or IFA when positive result was observed.



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