



PrioCHECK Porcine PRRSV Ab Strip Kit

ELISA test for the monitoring and surveillance of the porcine reproductive and respiratory syndrome virus (PRRSV) in herds

Benefits

Reliable

- High sensitivity and specificity for both internal and external validations
- Helps ensure reliable surveying and monitoring of pig herds

Cost-effective

- Fast and robust test, suited for testing of large numbers of samples
- Procedure consists of a simple four-step ELISA protocol
- Conveniently analyze 90 prepared samples in ~150 minutes

Broadly applicable

- Designed for the detection of porcine antibodies against both North American and European serotypes of PRRSV in serum samples
- ORF 7 protein-coated plates help ensure highly sensitive and specific detection of type 1 and 2 virus serotypes

A powerful alternative

The Applied Biosystems™ PrioCHECK™ Porcine PRRSV Ab Strip Kit shows a high agreement with the most frequently used ELISA in the field and is therefore a powerful alternative in the PRRSV serology test market.

Performance

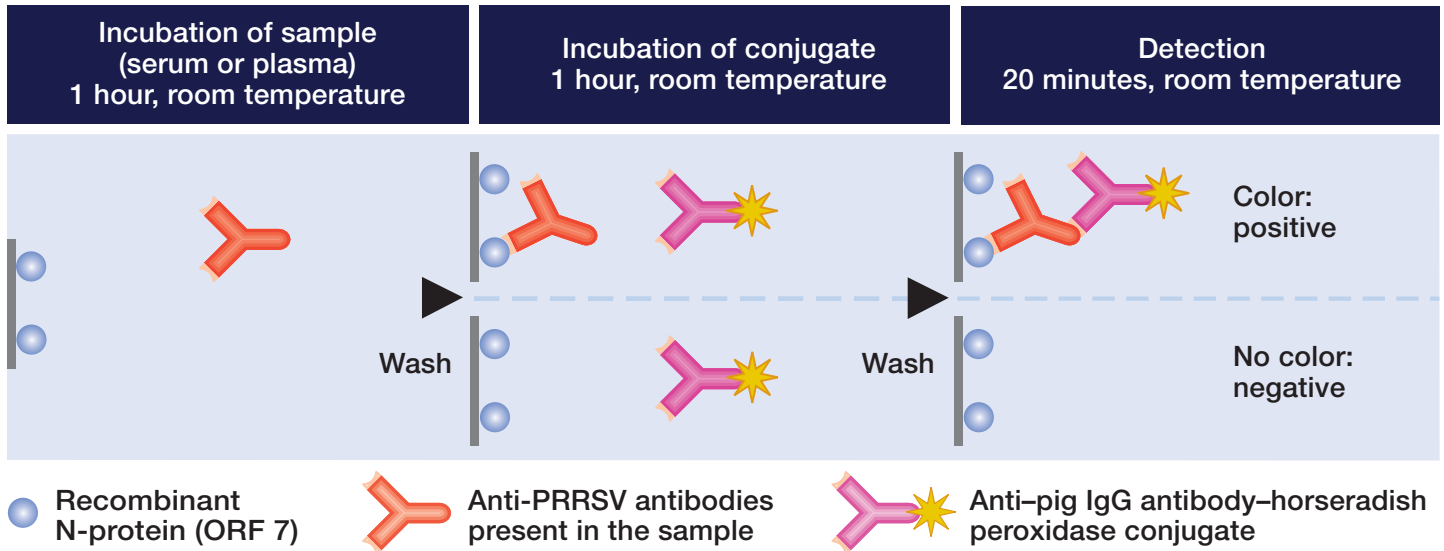
The PrioCHECK Porcine PRRSV Ab Strip Kit scored excellent results in both internal and external validation studies.

In an internal validation study, positive sera from vaccinated pigs (type 1 and type 2 serotypes) and negative Swiss porcine sera were tested. The status of the samples was determined with the ELISA that is currently most frequently used for PRRSV detection.

The results from the PrioCHECK Porcine PRRSV Ab Strip Kit test and those from another supplier's test showed a very good agreement ($Kappa = 0.976$), with a relative sensitivity of 100% and a relative specificity of 99.9%.

The PrioCHECK Porcine PRRSV Ab Strip Kit also correctly identified all positive and negative samples in a Dutch ring trial for PRRSV antibody tests.

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PRRSV

This virus is an enveloped RNA virus of which currently two serotypes are distinguished, the European (type 1) and the North American (type 2). In field infection, the incubation time is about 3 weeks.

PRRSV infections in pigs may lead to substantial economic damage for farming operations. The symptoms are highly variable and are dependent on the virus strain, the holding conditions, and herd management, as well as the age of the animals.

The virus can cause reproductive disorders in (naive) sows, often resulting in abortion, stillbirth, or mummification of the fetus. PRRSV infections can also lead to reduced reproduction rates in boars. The respiratory form of the disease can result in a major reduction of the weight gain performance of infected animals.

The PrioCHECK Porcine PRRSV Ab Strip Kit is a reliable and cost-effective diagnostic test for monitoring and surveillance of PRRSV in pig herds.

Ordering information

Product	Type	Quantity	Cat. No.
PrioCHECK Porcine PRRSV Ab Strip Kit	ELISA	5-strip plates kit (450 tests)	7610880
Related product			
VetMAX PRRSV EU & NA 2.0 Kit	Real-time PCR	100 tests	A35751

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