



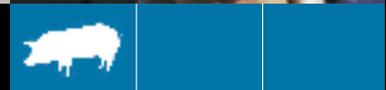
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# The preferred method for PPV detection. **PrioCHECK<sup>®</sup> PPV Ab**



EARLY DETECTION OF PORCINE PARVOVIRUS IN  
INDIVIDUAL ANIMALS.

# PrioCHECK® PPV Ab

## Rely on PrioCHECK®



### PORCINE PARVOVIRUS

Porcine Parvovirus (PPV) is a small single-stranded DNA virus belonging to the Parvoviridae family. The virus is an ubiquitous infectious pig agent. PPV causes infectious reproductive failures in pig herds and is of economic concern to pig breeders worldwide. The virus is capable of crossing the placenta. The effect of an infection of a pregnant sow depends on the stage of gestation at which infection occurs. Infection during the first two trimesters of gestation can lead to abortion, fetal immunization and stillborn piglets. Infection during the last trimester of gestation, when fetuses are immunocompetent, usually results in the birth of healthy, serologically positive piglets.

Prionics offers a sensitive and specific ELISA test for the diagnosis of Porcine Parvovirus in swine.



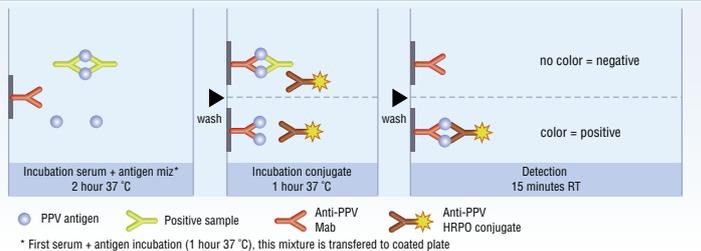
### WHAT ARE THE BENEFITS OF THE PrioCHECK® PPV Ab?

The **PrioCHECK® PPV Ab** is a blocking ELISA for the detection of antibodies directed against the PPV in pig serum. The test detects antibodies as early as seven days after primary infection. The antibody titer reaches a plateau approximately 10 days after infection.

Moreover, a herd's infection status can be monitored by titration of paired serum samples, collected at an interval of several weeks.

The **PrioCHECK® PPV Ab** is an excellent tool for the early detection of PPV and can also be standardized and automated.

### PrioCHECK® PPV Ab

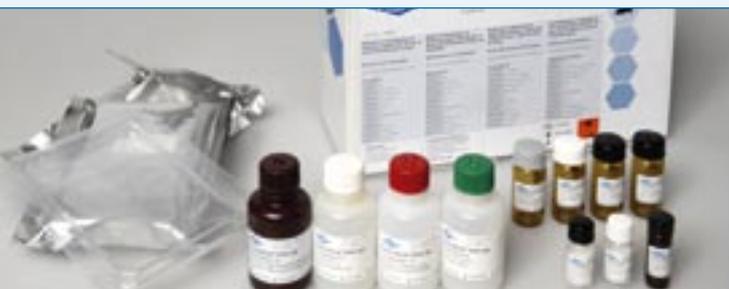


### SENSITIVE AND SPECIFIC PPV DETECTION

Serological testing for PPV infections is mostly performed with a haemagglutination inhibition (HI) test or a virus neutralisation (VN) test.

The **PrioCHECK® PPV Ab** has been shown to be as sensitive and specific as the haemagglutination inhibition (HI) test, also for the detection of antibodies early after infection.

F. Westenbrink et. al. (1989) also concluded that the **PrioCHECK® PPV Ab** is preferable to the HI test, because it is labour saving and can be better standardised and automated.



### PrioCHECK® PPV Ab

Prod. No. 7588981 2 plate strip kit (176 tests)

\* F. Westenbrink, M.A. Veldhuis and J.M.A. Brinkhof

An enzyme-linked immunosorbent assay for detection of antibodies to porcine parvovirus. Journal of Virological Methods, 23 (1989) 169-178.

### CONTACT INFORMATION