



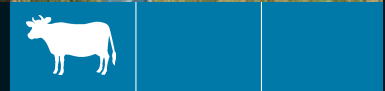
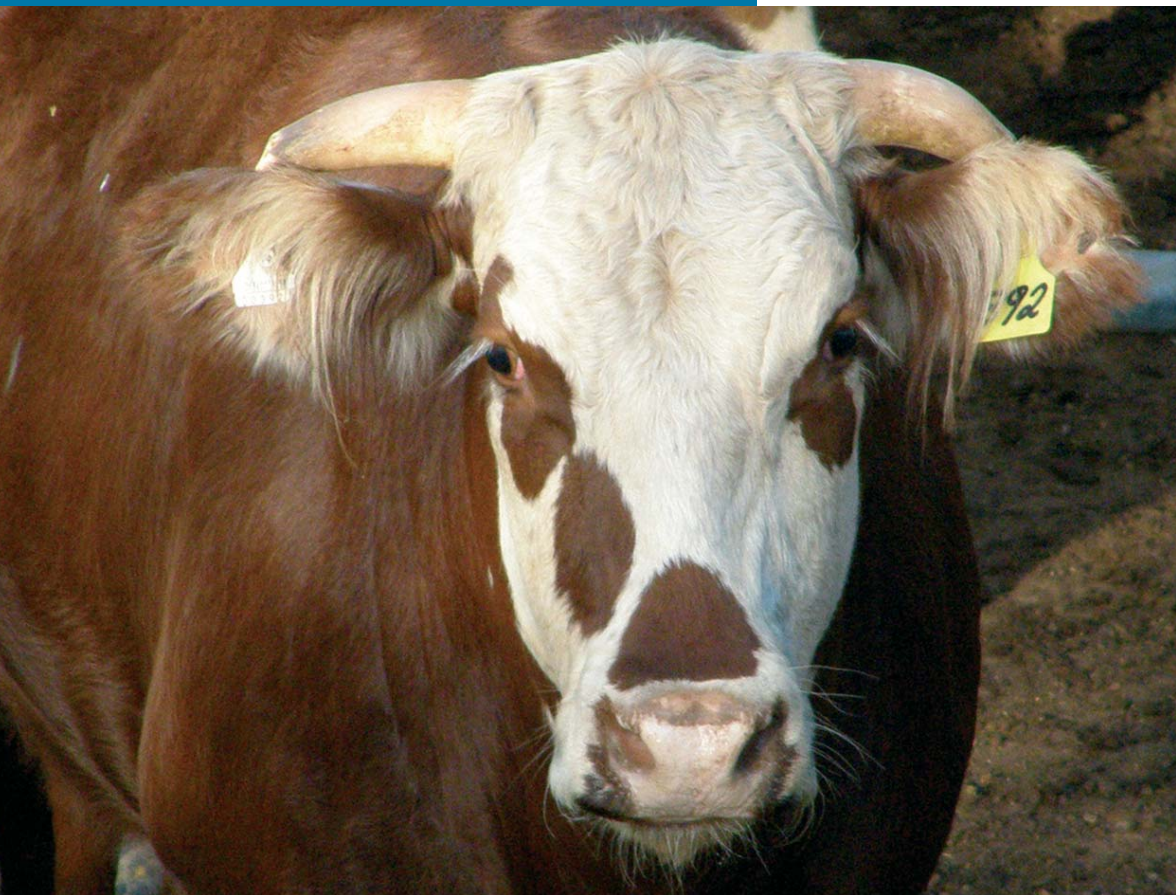
PRIONICS AG

WAGISTRASSE 27A  
8952 SCHLIEREN-ZURICH  
SWITZERLAND

PHONE +41 44 200 20 00  
FAX +41 44 200 20 10

INFO@PRIONICS.COM  
WWW.PRIONICS.COM

# Reliable monitoring of BRSV. PrioCHECK® BRSV Ab



COMPETITIVE AND RELIABLE ELISA FOR THE DETECTION OF BOVINE  
RESPIRATORY SYNCYTIAL VIRUS.

# PrioCHECK® BRSV

## Rely on PrioCHECK®

### BOVINE RESPIRATORY SYNCYTIAL VIRUS

Bovine Respiratory Syncytial Virus (BRSV) belongs to the genus *Pneumovirus* of the Paramyxoviridae family. BRSV is closely related to Human-, Ovine- and Caprine RSV. A primary BRSV infection can result in severe lower respiratory tract disease in susceptible cattle, but asymptomatic infections can occur as well. In endemic areas, clinical disease is most apparent in calves, and resembles the disease in infants infected with HRSV. Clinical signs after a natural BRSV infection include very high fever >39.5°C (pyrexia), nasal discharge, coughing, tachypnoea (>60 respirations per minute), abdominal breathing, emphysema. An infection can eventually lead to the death of the animal.

Pronics offers the PrioCHECK® BRSV Ab ELISA, a valuable tool for the diagnosis of primary BRSV infections.

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

The PrioCHECK® BRSV Ab is an indirect ELISA for the detection of antibodies directed against Bovine Respiratory Syncytial Virus in cattle serum. This highly sensitive and specific assay can be utilized to monitor primary BRSV infections. The PrioCHECK® BRSV Ab is also a valuable tool when evaluating the health status of both herds and individual animals.

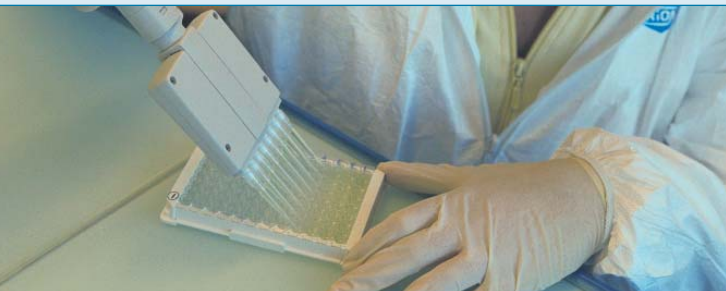
The ELISA is suitable for standardization and because it is easily automated, it is also the test of choice when large numbers of samples have to be handled.

The PrioCHECK® BRSV Ab is a valuable tool and a highly sensitive and specific assay.

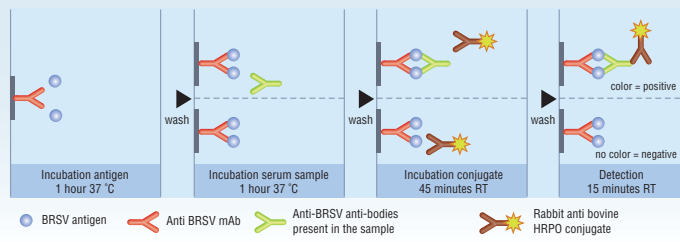
### SENSITIVE AND SPECIFIC DETECTION OF BRSV

In a comparative study, the PrioCHECK® BRSV Ab was tested against a complement fixation test (CF) and a virus neutralisation (VN) test. When compared with the virus neutralization test (n=253), the PrioCHECK® BRSV Ab has a relatively high sensitivity of approximately 90% and a relative specificity of 100%.

The closest correlation was found between the ELISA and the CF test with respect to BRSV antibody titers when testing sera collected in dairy herds.



### PrioCHECK® BRSV Ab



### PrioCHECK® BRSV Ab

Prod. No. 7588991 2 plate strip kit (176 tests)

### CONTACT INFORMATION