



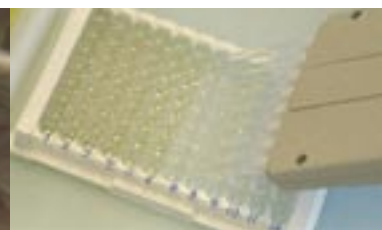
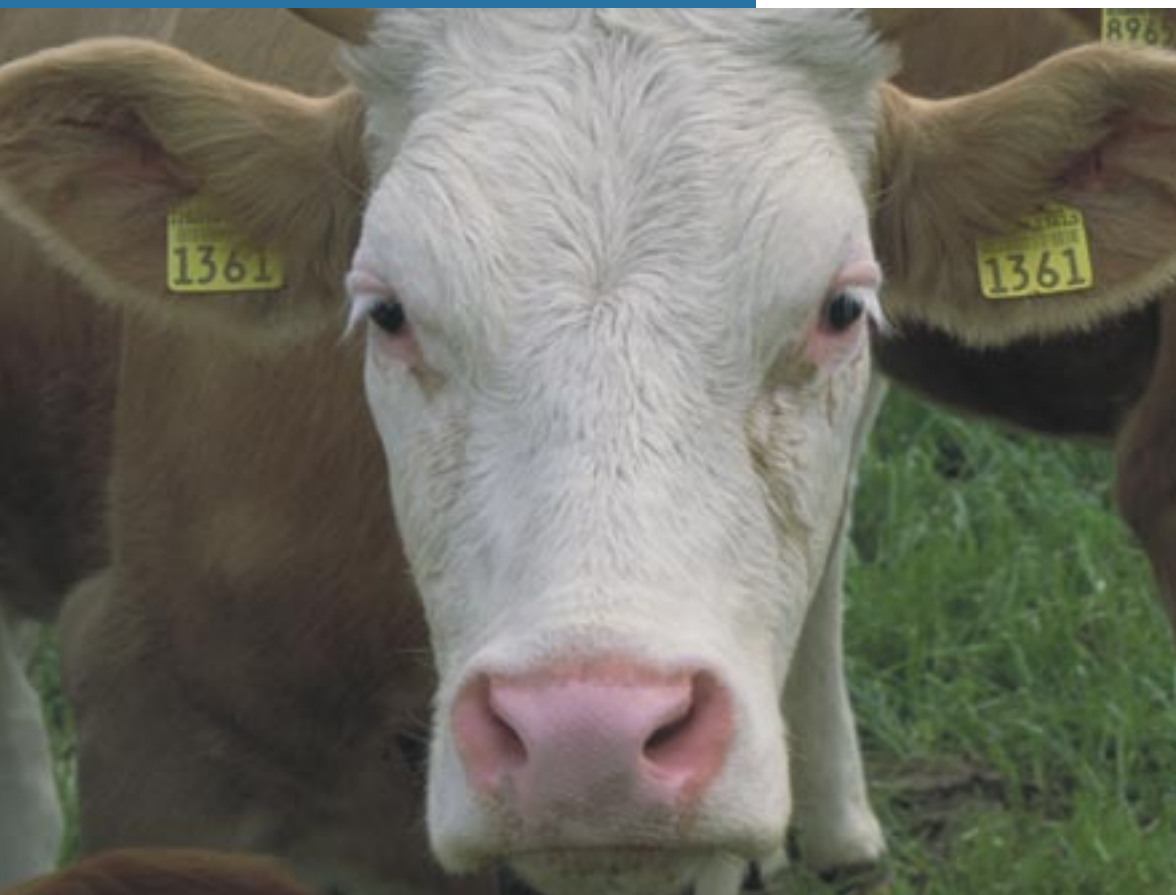
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Versatile detection of *Leptospira hardjo*. **PrioCHECK® L.hardjo Ab**



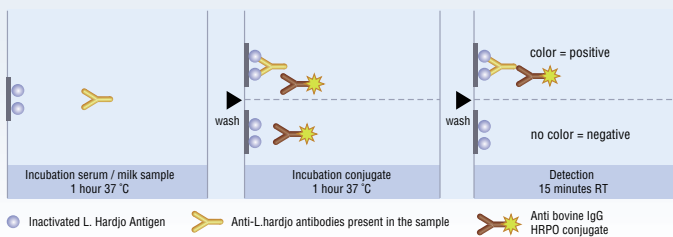
**SENSITIVE, SPECIFIC AND VERSATILE ELISA FOR THE DETECTION OF
LEPTOSPIRA HARDJO ANTIBODIES.**

PrioCHECK® L.hardjo Ab

Rely on PrioCHECK®



PrioCHECK® L.hardjo Ab



PrioCHECK® L.hardjo Ab

Prod. No. 7442095 2 plate strip kit (176 tests)
Prod. No. 7442080 5 plate kit (440 tests)

LEPTOSPIROSIS

Leptospirosis is a contagious disease of animals and humans caused by an infection with the spirochete *Leptospira*. Leptospirosis occurs worldwide. In many European countries, *Leptospira interrogans* serovar *hardjo* (L.hardjo) is the most common cause of bovine Leptospirosis. Acute Leptospirosis among cattle should be suspected in cases of sudden onset agalactia, icterus or haemoglobinuria. However, infection may also be subclinical. Chronic Leptospirosis should be considered if abortion, stillbirth, birth of weak (premature) offspring or infertility occurs. Chronically infected animals may remain carriers for life and serve as a reservoir of *Leptospira*.

Prionics offers a highly sensitive, specific and robust ELISA for the diagnosis of L.hardjo in cattle serum and milk (bulk or individual). The test is a modification of the indirect ELISA described by Bercovich et al*.

WHAT ARE THE BENEFITS OF THE PrioCHECK® L.HARDJO Ab?

The **PrioCHECK® L.hardjo Ab** is an indirect ELISA which can be used to determine the prevalence of L.hardjo in a herd. In the Netherlands the **PrioCHECK® L.hardjo Ab** has been successfully applied in the L.hardjo herd control program and the prevalence has decreased from approx. 50% in 1989, to <3% at present.

The **PrioCHECK® L.hardjo Ab** is suitable for a wide range of applications:

- L.hardjo eradication programs;
- Monitoring of the L.hardjo free status of cattle herds;
- Monitoring of L.hardjo antibody level in cattle after vaccination.

The **PrioCHECK® L.hardjo Ab** is a proven tool with a wide range of applications.

SUCCESSFUL DETECTION OF LEPTOSPIRA HARDJO

The **PrioCHECK® L.hardjo Ab** is a modification of the indirect ELISA described by Bercovich et al., 1990* .

The test has been successfully applied in the National Dutch control program based on bulk milk surveillance and individual testing in dairy herds.

Test results with bulk milk samples showed an excellent sensitivity (99%) and a high specificity (85%).

* Bercovich, Z, Taaijke, R and Bokhout, BA. Evaluation of an ELISA for the diagnosis of experimentally induced and naturally occurring *Leptospira hardjo* infections in cattle. Vet. Microbiol. 21, 255-262, 1990

CONTACT INFORMATION