Information sheet PTS
PRRSV antibody detection – VLDIA234

These products are produced by the GD and meant to be used in the Proficiency testing scheme.
(Porcine serum – antibodies against Porcine Reproductive & Respiratory Syndrome)

Samples

The sample set consists of 8 coded porcine sera (8 x 200µl) that have to be tested in duplicate (in different test runs) using the method(s) (of choice) your laboratory. The samples should be tested under normal routine test conditions. The samples have been _heat inactivated and freeze-dried (in glass vials)_ and should be reconstituted with sterile aquadest by aseptically adding the required volume. Samples for PRRSV should be reconstituted with 200 microliters of sterile aquadest.

- 1 Set PTS samples.
  1 set consists of 8 lyophilized inactivated porcine serum samples 200µL each, total volume 1.6 ml.
- The reconstituted samples should be stored at 2-8 °C and tested within 5 days.
- Sample volumes will be sufficient to perform the required tests.

These products are produced, bottled and sealed at GD and meant to be used in the Proficiency testing scheme. No commercial value
All sera are heat inactivated for 30' at 56°C, all other samples are treated with ß-propiolactone.

Reporting your findings

You can use every ELISA test available (please state the manufacturer of the test), a Virus Neutralisation test (VNT), a European (EU)-type and American (US)-type specific ELISA and/or IPMA (Immunoperoxidase Monolayer Assay) test systems (to discriminate between EU- and US-type specific PRRSV antibodies).

- Results from indirect ELISA should be reported as actual titres (when appropriate) or S/P (Serum-To-Positive) values (maximum 3 digits) when appropriate. Please also report the brand of ELISA kit you have used and your interpretation (negative / positive) in the spaces provided. When commercial ELISA's are used, the cut-off as indicated by the manufacturer should be used.

- Blocking ELISA should be reported in % inhibition or S/N ratio.

- VNT titres should be reported in titres (log2).

Accreditation

The PTS is accredited according to the international standard ISO 17043:2010.