

Information sheet PTS IBR antibody detection (serum) – VLDIA333

These products are produced by the GD and meant to be used in the Proficiency testing scheme.
(Bovine serum – antibodies against Infectious Bovine Rhinotracheitis)

Samples

The sample set consists of 8 coded bovine sera samples, (8 x 1ml) containing known and significant amounts of antibody, that have to be tested in duplicate (in different test runs) using the ELISA method. 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. Serum samples for the PTS IBR should be reconstituted with 1 ml of sterile aquadest.

- 1 Set PTS samples.
1 set consists of 8 lyophilized inactivated bovine serum samples 1 ml each, total volume 8 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 β -Propiolactone.

Reporting your findings

You can use any available ELISA (please state the manufacturer of the test) test.

- Results from indirect ELISA should be reported as is routinely done, for example S/P (Sample-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 is normally used by your lab should be used.
- Blocking ELISA should be reported in % inhibition or S/N ratio.