

Information sheet PTS ARV antibody detection (REO) – VLDIA277

These products are produced by the GD and meant to be used in the Proficiency testing scheme.
(Poultry serum – antibodies against Avian Reovirus ARV (REO))

Samples

The sample set consists of 8 coded chicken sera (8 x 150µl) 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.

- 1 Set PTS samples.
1 set consists of 8 lyophilized inactivated poultry serum samples 150µL each, total volume 1.2 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 either ELISA (please state the manufacturer of the test), the Agar Gel Precipitation test (AGPT) and/or Virus Neutralisation test (VNT).

- 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)
- AGPT results should be reported as negative / positive only.

Accreditation

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