



Short résumé of the Inter-Laboratory Proficiency Test 2021 Identification of VHSV, IHNV, EHNV SVCV and IPNV (PT1) and CyHV-3 (KHV), ISAV and SAV (PT2)

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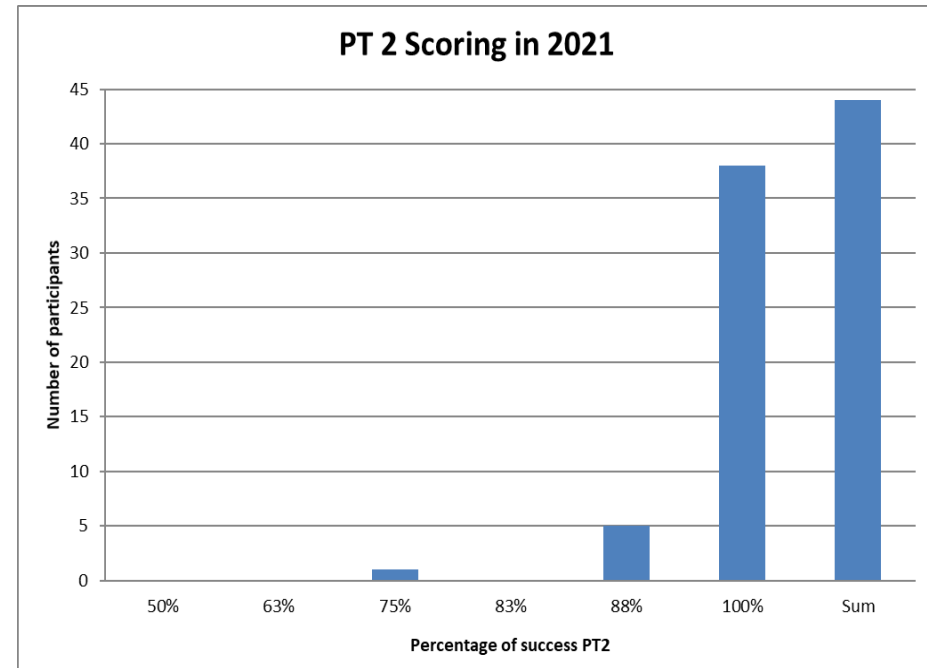
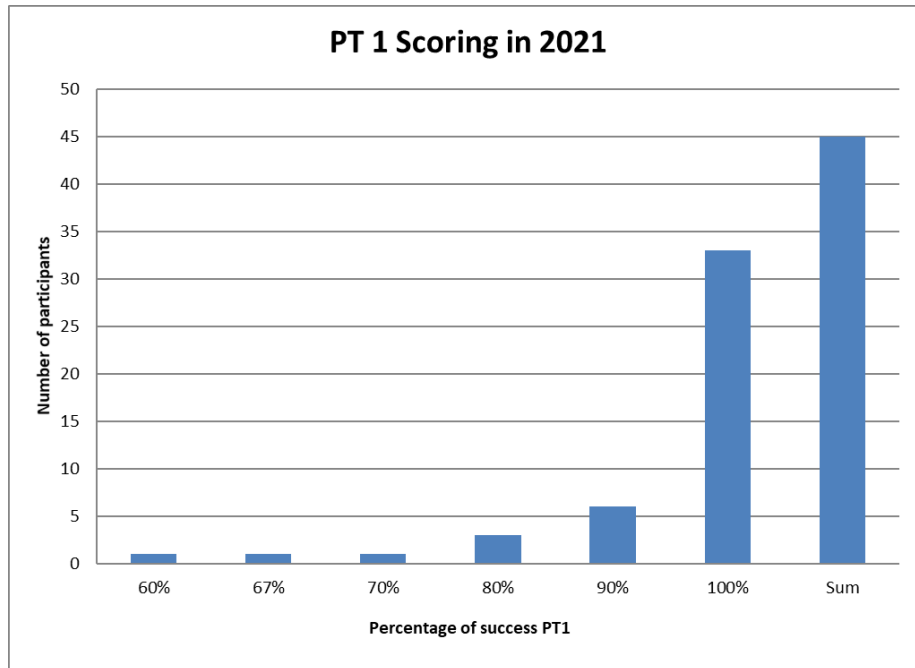
Zoom meeting on 8th of April 2022

- Approx. 30 countries participated
- We will continue this meeting every year – the feedback from the participants support this.
- Participants appreciate the discussions and talk about data not presented in the report.
- Not all participants have practical interest in genotyping

IL-PT 2021

- The IL-PT2021 was shipped to 46 laboratories
 - 24 EU Member States
 - 9 associated countries
 - 13 outside EU
- 45 participated in PT1
- 44 participated in PT2
- One laboratory never handled in the results
- Due to long shipping time for several destinations the deadline for handling in the results was postponed 2 weeks

Laboratory scoring



Some laboratories scored <100% in PT1 only due to no identification of the Ranavirus and in PT2 due to not discriminate between the listed HPRΔ ISAV and non listed HPR0 ISAV.

Feedback 2021

55% of the participating laboratories completed the questionnaire with feedback.

The questionnaire will be included in the documentation for our quality assurance which is a demand from DANAK, so a great thanks to the 25 participants for support and contribution 😊

Feedback from participants

- Changing the blue colour in the Excel sheets for the results.
- Not finding the spreadsheet user-friendly
- Including of Noda virus
- The viral titre of some ampoules were really low
- 2 ml of material from PT1 ampoules is too little.
- The instructions were not clear regarding PCR procedures and typing in the results.
- It is unclear which Q-PCR results The EURL is using
- Genotyping can be challenging

Feedback - EURL

EURL COMMENTS

- PT1- Rana isolate included shall be sequenced, distinguishing EHNV from the non listed Ranavirus otherwise it will cause the loss of one point.
- PT2- ISA isolate included shall be sequenced, distinguishing HPR Δ and HPR0 otherwise it will cause the loss of one point.
- PT2 – Correct answer in ‘Concluding results’ for ISA is ‘HPR-deleted ISA’ or ‘HPR0 ISA’.
- Testing of the ampoules by **molecular methods shall be done directly from the re-suspended material** and not from the viral isolates.
- FILLING THE SPREADSHEET IN STANDARDIZED WAY please use the instruction how to fill in the spreadsheet.

Proficiency Test 2022

- The test will be send out in October 2022
- PT1: For identification of VHSV, IHNV and EHNV and in addition SVCV, differentiating from other viruses as IPNV, Rana-viruses etc.
- PT2: Identification of ISAV, KHV and SAV
- Please fill in your obtained Ct. values for both PT1 and PT2, only those obtained directly from the ampoules.

Acknowledgements

The EURL team:

- Christina Flink Desler
 - Niels Jørgen Olesen
 - Argelia Cuenca
 - Niccolò Vendramin
 - Teena Vendel Klinge
- and Danny Darby (freeze-drying)



- **KHV- Received from:** Dr. Sven M. Bergmann, Friedrich-Loeffler-Institut (FLI), Germany
- **SAV- Received from:** Dr. J. Castric, ANSES, France
- **ISAV Received from:** Dr. B. Dannevig, OIE Reference Laboratory for ISA, Oslo, Norway
- **EHNV-Received from:** Prof. Whittington, The OIE reference laboratory for EHN, University of Sidney, Australia
- **IHNV – Received from:** Dr. G. Bovo, ISZ-Ve, Padova, Italy
- **ECV – Received from:** Dr. G. Bovo, ISZ-Ve, Padova, Italy
- **SVCV – Received from:** Prof. Fijan