

Dear Colleague(s),

Below you will find a list of the contents of PT1 ampoule 1 to 5 and for PT2 ampoule 6-10 in this year's proficiency test. A full report will be produced in February 2011.

Yours sincerely

Niels Jørgen, Nicole and Søren

PT1		
Code	Virus	Specifications
Ampoule I:	EHN Low titer	<p>Reference strain of EHN.</p> <p>Isolate 86/8774 from rainbow trout (Langdon et al. 1988). Received from Dr. R.J. Whittington, EHN OIE reference laboratory, Australia. Cell culture passage number: 7.</p> <p>References: Langdon JS, Humphrey JD & Williams LM (1988). Outbreaks of an EHN-like iridovirus in cultured rainbow trout, <i>Salmo gairdneri</i> Richardson, in Australia. <i>Journal of Fish Diseases</i> 11, 93-96. Marsh IB, Whittington RJ, O'Rourke B, Hyatt AD & Chisholm O (2002). Rapid differentiation of Australian, European and American ranaviruses based on variation in major capsid protein gene sequence. <i>Molecular and Cellular Probes</i> 16, 137-151.</p> <p>GenBank accession number: FJ433873.1</p>
Ampoule II:	IHN	<p>IHN virus 217/A (DTU Vet protocol no. 4008).</p> <p>First Italian IHN isolate from rainbow trout (Bovo et al. 1987). Received from Dr. G. Bovo, ISZ-Ve, Padova, Italy. Cell culture passage number in EPC: 11. Genotype M (Johansson et al. 2009).</p> <p>Reference: Bovo G, Giorgetti G, Jørgensen PEV and Olesen (1987). Infectious haematopoietic necrosis: first detection in Italy. <i>Bulletin of the European Association of Fish Pathologists</i> 7, 124. Johansson T, Einer-Jensen K, Batts W, Ahrens P, Björklund H & Lorenzen N (2009). Genetic and serological typing of European infectious haematopoietic necrosis virus (IHN) isolates. <i>Diseases of Aquatic Organisms</i> 86, 213-221.</p> <p>GenBank accession number: FJ265716.1</p>
Ampoule III:	European Catfish Virus (ECV)	<p>European catfish virus 562/92.</p> <p>Isolate from catfish suffering high mortality. Received from Dr. G. Bovo, ISZ-Ve, Padova, Italy. Cell culture passage number: 6.</p>

Ampoule IV:	SVCV	<p>SVCV 56/70.</p> <p>Isolate from carp. Received from Prof. Fijan (January 1979 in a tube named Rhabdo virus carpio 56/70 and given as the reference strain of SVC virus). Cell culture passage number: Unknown. Genotype Id (Stone et al. 2003).</p> <p>The isolate is most likely identical to the S/30 isolate described in Fijan N, Petrinc Z, Sulimanovic D & Zwillenberg LO (1971) Isolation of the viral causative agent from the acute form of infectious dropsy of carp. <i>Veterinarski Archiv</i> 41, 125-138.</p> <p>Reference: Stone DM, Ahne W, Denham KL, Dixon PF, Liu C-TY, Sheppard AM, Taylor GR & Way K (2003). Nucleotide sequence analysis of the glycoprotein gene of putative spring viraemia of carp virus and pike fry rhabdovirus isolates reveals four genogroups. <i>Diseases of Aquatic Organisms</i> 53, 203-210.</p> <p>GenBank accession numbers: Z37505.1 (S30) AJ538061.1 (Fijan)</p>
Ampoule V:	VHSV	<p>VHSV DK-5151 (Rindsholm, 1992)</p> <p>Danish freshwater VHSV isolate from rainbow trout. Cell culture passage number: 4 in BF-2 and 6 in EPC. Neutralization pattern III (Olesen et al. 1993). Genotype Ia (Ejner-Jensen et al. 2004).</p> <p>References: Olesen NJ, Lorenzen N and Jørgensen PEV (1993). Serological differences among isolates of viral haemorrhagic septicaemia virus detected by neutralizing monoclonal and polyclonal antibodies. <i>Diseases of Aquatic Organisms</i> 16, 163-170.</p> <p>Ejner-Jensen K, Ahrens P, Forsberg R and Lorenzen N (2004). Evolution of the fish rhabdovirus viral haemorrhagic septicaemia virus. <i>Journal of General Virology</i> 85, 1167-1179.</p> <p>GenBank accession number: AF345859.1</p> <p>FishPathogens report number: 2218</p>

PT2		
Code	Virus	Specifications
Ampoule VI:	ISAV High titer	ISAV Glesvaer 2/90 Received from Dr. B. Dannevig, ISA OIE Reference Laboratory, Norway References: Mjaaland S, Rimstad E, Falk K & Dannevig BH (1997). Genomic characterization of the virus causing infectious salmon anemia in Atlantic salmon (<i>Salmo salar</i> L.): an orthomyxo-like virus in a teleost. <i>Journal of Virology</i> 71, 7681-7686. Falk K, Namork E, Rimstad E, Mjaaland S & Dannevig BH (1997). Characterization of infectious salmon anemia virus, an orthomyxo-like virus isolated from Atlantic salmon (<i>Salmo salar</i> L.) <i>Journal of Virology</i> 71, 9016-9023.
Ampoule VII:	KHV (CyHV-3) High titer	KHV 07/108b Received from Dr. J. Castric, ANSES, France. Cell culture passage number: 4 in KF-1.
Ampoule VIII:	Medium	Transport medium with 10% fetal bovine serum. No virus.
Ampoule IX:	ISAV Medium titer	ISAV Glesvaer 2/90 Received from Dr. B. Dannevig, ISA OIE Reference Laboratory, Norway References: Mjaaland S, Rimstad E, Falk K & Dannevig BH (1997). Genomic characterization of the virus causing infectious salmon anemia in Atlantic salmon (<i>Salmo salar</i> L.): an orthomyxo-like virus in a teleost. <i>Journal of Virology</i> 71, 7681-7686. Falk K, Namork E, Rimstad E, Mjaaland S & Dannevig BH (1997). Characterization of infectious salmon anemia virus, an orthomyxo-like virus isolated from Atlantic salmon (<i>Salmo salar</i> L.) <i>Journal of Virology</i> 71, 9016-9023.
Ampoule X:	KHV (CyHV-3) Medium titer	KHV 07/108b Received from Dr. J. Castric, ANSES, France. Cell culture passage number: 4 in KF-1.