

**Title:** Proficiency testing form – ISAV RT-PCR or qRT-PCR**Proficiency panel expeditor:**

Gulf Fisheries Center – Aquatic Animal Health, Mol. Biol. Unit  
343 University, Moncton  
NB E1C 9B6  
Coordinator: Nellie Gagné tel (506-841-7478)  
FAX: 506-851-2079

**Proficiency panel receiver: PBS**

Other lab (specify): \_ \_ \_  
Contact name: **Laura Hawley**  
Address: Pacific Biological Station (T302)  
3190 Hammond Bay Rd.  
NANAIMO, BC V9T 6N7  
  
Phone: 250-756-7131

**Date shipped: 2011-08-23 Shipper: Crystal Collette****1. Content of shipment**

Panel no(s): **2011P-ISA-01 & 2011P-ISA-02** Total no of tubes shipped: **12**

Content of tubes: Homogenized Atlantic salmon kidney in RNeasy lysis buffer, sufficient for 2 extractions.

**2. Reception status:**

Samples were received within the prescribed delay ☒ by (name) Laura Hawley and were stored at ~ - 20 °C upon reception ☒. Access to the samples was restricted to receiver's authorized personnel ☒. Samples arrived in proper condition ☒. If not, notify the expeditor as soon as possible.

**3. Instructions :**

- 3.1 Prepare microtubes and add 60 ul of PBS 1X to each.
- 3.2 Vortex the PPT sample thoroughly and pipet immediately 300 ul. Add to a PBS tube. Mix.
- 3.3 Spin at ~12000 g for 3 min. Decant the RNeasy lysis buffer/PBS in a waste container and dab the tube mouth on a paper towel. Proceed with RNA extraction.

**4. Scores (if more than one panel, copy this form or transmit results as you prefer):**

Analysts can indicate their results in this section and fax or email to expeditor. It is not necessary to use this form.

Panel no:	yy-mm-dd processed	Initials analyst	Ct	Ct	Notes
2011P-ISA-01					
Tube id: 1	11-08-30	LH	No Ct	No Ct	Threshold was adjusted for all samples
Tube id: 2	11-08-30	LH	31.07	31.08	
Tube id: 3	11-08-30	LH	21.46	20.86	
Tube id: 4	11-08-30	LH	30.72	31.14	
Tube id: 5	11-08-30	LH	30.40	30.98	
Tube id: 6	11-08-30	LH	No Ct	No Ct	
Tube id:					
Tube id:					
Tube id:					
Tube id:					

**5. Q-Pulse documents necessary to perform the assay (real-time PCR).**

*Note: For regular PCR, and/or if you do not have access to Q-Pulse, contact the expeditor. It is the responsibility of the receiving laboratory to read these documents and abide by them. Some deviations or equivalent procedures are possible, consult with the expeditor.*

5.1 GFC-DIA-MBU-13 RNA extraction with TRI or TRI-LS Reagent (latest version)

5.2 GFC-DIA-MBU-54 RNA or DNA normalization

5.3 GFC-DIA-MBU-18 Reverse Transcription using High Capacity cDNA kit with RNA Denaturation

5.4 GFC-DIA-MBU-21 Real-time PCR analysis

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5.5 GFC-PRO-1 ISAV qRT-PCR protocol

DRAFT