

Technical information for DFO Moncton, based on sample sets for lab assessment regarding ISA in BC salmon

	1A Smolts	1B Carcass	1B Kidney	1B Heart	1B Gill	1C Previously Necropsied Smolts	2 Hearts & Gills	3 5 sockeye heart & gill + 5 herring hearts
Tested at AVC				Y			Y	Y
Tested in Norway					Y			
Received at DFO Moncton Lab	Y	Y	Y (Extracts from PBS)	N	N	Y	Y (homogenates from AVC)	Y (homogenates from AVC)
Date received at DFO Moncton Lab	October 20	October 25	October 25	n/a	n/a	October 27	October 21 (1 homogenate) October 26 (19 homogenates)	November 15
GFC # given	2011-14	2011-224	2011-227	n/a	n/a	2011-225	2011-215 (1) & 2011-226 (19)	2011-243
State at receipt	frozen	frozen	frozen	n/a	n/a	frozen	Frozen in L-15 medium	Frozen in L-15 medium
Necropsy in Moncton	1-96 Oct 20 97-299 Oct 21	1-48 Nov 04	N (extracts)	n/a	n/a	November 07	n/a	n/a
Condition of fish at necropsy	Poor – some fish rotten	Poor – only some gill left	n/a	n/a	n/a	Poor (a few already dissected)	n/a	n/a
Tissues collected during necropsy	Heart, Gill, Kidney (each in RNA-Later)	Gill only (each in RNA- Later)	n/a	n/a	n/a	Heart/Kidney/Gill if present (each in RNA-Later)	n/a	n/a
Material tested by PCR	297 hearts 168 gills	48 gills	48 extracts	n/a	n/a	None	2011-215 (1) & 2011-226 (19)	None
Testing period	Oct. 22- Nov 7	Nov 9 - 16	Oct 27- Nov 3	n/a	n/a	n/a	2011-215 Oct 22 2011-226 Nov 03-15	n/a
Test result	Negative	Negative	Negative	n/a	n/a	n/a	Negative	Not done
Reference gene result	Severely Degraded	Severely Degraded	Degraded	n/a	n/a	n/a	Severely Degraded	Not done
DFO Cell culture	Not done	n/a	n/a	n/a	n/a	n/a	Yes	Not done
Testing period	n/a	n/a	n/a	n/a	n/a	n/a	2011-215 Oct 21 to Nov 18 2011-226 Nov 03 (on going)	n/a
Test result	n/a	n/a	n/a	n/a	n/a	n/a	2011-215 Negative 2011-226 (pending test)	n/a
Interpretation of DFO testing	Inconclusive	Inconclusive	Inconclusive	n/a	n/a	n/a	Inconclusive	n/a
Notes	Kidneys +	Final report	Final report	n/a	n/a	Only test if		Only test if

	remaining gills not tested	sent to PBS Nov 17	sent to PBS Nov 17			requested by CFIA		requested by CFIA
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