



Results tabulation for 14565/BA PT0088: Salmonella in poultry

Distribution Date: 04/05/2021

Culture	21/1277		21/1278		21/1279		21/1280	
	Interpretation (+ve/-ve/IC)	Salmonella Group/Type	Interpretation (+ve/-ve/IC)	Salmonella Group/Type	Interpretation (+ve/-ve/IC)	Salmonella Group/Type	Interpretation (+ve/-ve/IC)	Salmonella Group/Type
Intended	Simulated 10 g carcass - Salmonella Infantis (approx. 43,000 cfu per vial)		Simulated 10g faeces - Citrobacter youngae		Simulated chick box liner - Citrobacter youngae		Simulated boot swabs - Salmonella Typhimurium (approx. 69,000 cfu per vial) + Pseudomonas aeruginosa	
	+ve	Group C	-ve	Negative	-ve	Negative	+ve	Group B
1002	Unable to Test							
1023	+ve		+ve		-ve		+ve	
1033	+ve	C1/Infantis	-ve		-ve		+ve	B/Typhimurium
1056	+ve	C1/Infantis	-ve		-ve		+ve	B/Typhimurium
1067	+ve	S. Infantis	-ve		-ve		+ve	S. Typhimurium
1076	Unable to Test							
1081	+ve	Group C	-ve	Not Detected	-ve	Not Detected	+ve	Group B
1089	+ve		-ve		-ve		+ve	
1095	+ve		-ve		-ve		+ve	
1114	+ve	S. Infantis	-ve		-ve		+ve	S. Typhimurium
1115	+ve		-ve		-ve		+ve	
1125	Nil Return							
1127	+ve	Group C1	-ve	Negative	-ve	Negative	+ve	Group B
1133	+ve	Group C	-ve		-ve		+ve	Group B
1143	+ve	Group C	-ve	Negative	-ve	Negative	+ve	Group B
1157	+ve	Salm. (Poly O)	-ve		-ve		+ve	Salm. (Gp.B)
1158	+ve	S. Infantis	-ve	-	-ve	-	+ve	S. Typhimurium
1161	+ve	Salmonella	-ve		-ve		+ve	
1198	+ve	Group C1	-ve		-ve		+ve	Group B
1217	+ve	O:7(C1)	-ve		-ve		+ve	O:4(B)
1228	+ve		-ve		-ve		+ve	
1235	+ve	S. Infantis	-ve		-ve		+ve	S. Typhimurium
1246	Nil Return							
1297	+ve		-ve		-ve		+ve	
1340	+ve		-ve		-ve		+ve	
1374	+ve	Group C	-ve	Citrobacter	-ve	Citrobacter	+ve	Group B
1387	+ve	C1	-ve		-ve		+ve	B

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Intended	Simulated 10 g carcass - Salmonella Infantis (approx. 43,000 cfu per vial)		Simulated 10g faeces - Citrobacter youngae		Simulated chick box liner - Citrobacter youngae		Simulated boot swabs - Salmonella Typhimurium (approx. 69,000 cfu per vial) + Pseudomonas aeruginosa	
	+ve	Group C	-ve	Negative	-ve	Negative	+ve	Group B
1436	+ve	S.Infantis	-ve		-ve		+ve	O4,Hi;-
1521	+ve		-ve		-ve		+ve	Group D
1559	+ve	S. Infantis	-ve		-ve		+ve	S. Typhimurium
1614	+ve	GROUP C	-ve		-ve		+ve	GROUP B
1626	+ve		-ve		-ve		+ve	
1638	+ve	Detected	-ve	Not Detected	-ve	Not Detetced	+ve	Detected
1641	+ve	C S.infantis	-ve		-ve		+ve	B S.typhimurium
1647	+ve	S. Infantis	-ve		-ve		+ve	S. Typhimurium
1648	+ve	GROUP C1	-ve		-ve		+ve	GROUP B
1654	+ve	Group C	-ve		-ve		+ve	Group B
1656	+ve	S. Infantis	-ve		-ve		+ve	S. Typhimurium
1658	+ve	D	-ve		-ve		+ve	D
1669	+ve	S. Infantis	-ve		-ve		+ve	S. Typhimurium
1674	+ve	Group O:7 (C1)	-ve		+ve	Group O:7 (C1)	+ve	Group O:4 (B)
1700	+ve	S.infantis	-ve		-ve		+ve	S.typhimurium
1733	+ve		-ve		-ve		+ve	
1759	+ve	Salmonella spp.	-ve		-ve		+ve	Salmonella spp.
1770	+ve	group C	-ve		-ve	C. youngae	+ve	S. typhimurium
1798	+ve	C/r/1,5	-ve		-ve		+ve	B/i/-
1853	+ve	S. Infantis	-ve		-ve		+ve	S. Typhimurium
1884	+ve		-ve		-ve		+ve	
1894	+ve		-ve		-ve		+ve	
1896	+ve		-ve		-ve		+ve	
1905	+ve		-ve		-ve		+ve	
1913	+ve	S.infantis	-ve		-ve		+ve	S. typhimurium
1944	+ve	Group C07	-ve		-ve		-ve	
1947	+ve	S. Infantis	-ve		-ve		+ve	S. Typhimurium
1980	+ve	S.Infantis C1	-ve		-ve		+ve	S.Typhimurium B
2011	+ve		-ve		-ve		+ve	
2021	+ve	Salmonella spp	-ve		-ve		+ve	Salmonella spp
2053	+ve	Salmonella sp	-ve		-ve		+ve	Salmonella spp
2062	+ve		-ve		-ve		+ve	
2090	+ve		-ve		-ve		+ve	
2098	+ve	GpC Infantis	-ve	Not Salmonella	-ve	Not Salmonella	+ve	GpB Typhimurium
2111	+ve	S. Infantis	-ve		-ve		+ve	S. Typhimurium
2112	+ve	C	-ve		-ve		+ve	B
2131	+ve	S. Infantis	-ve	not detected	-ve	not detected	+ve	S. Typhimurium
2143	+ve	S. Infantis	-ve		-ve		+ve	S. Typhimurium
2151	+ve		-ve		-ve		+ve	
2204	+ve		-ve		-ve		+ve	

Culture	21/1277		21/1278		21/1279		21/1280	
	Interpretation (+ve/-ve/IC)	Salmonella Group/Type	Interpretation (+ve/-ve/IC)	Salmonella Group/Type	Interpretation (+ve/-ve/IC)	Salmonella Group/Type	Interpretation (+ve/-ve/IC)	Salmonella Group/Type
Intended	Simulated 10 g carcass - Salmonella Infantis (approx. 43,000 cfu per vial)		Simulated 10g faeces - Citrobacter youngae		Simulated chick box liner - Citrobacter youngae		Simulated boot swabs - Salmonella Typhimurium (approx. 69,000 cfu per vial) + Pseudomonas aeruginosa	
	+ve	Group C	-ve	Negative	-ve	Negative	+ve	Group B
2212	+ve	salmonella spp.	-ve		-ve		+ve	Salmonella spp.
2229	+ve	S. Infantis	+ve	S. Infantis	+ve	S. Infantis	+ve	S. Typhimurium
2266	+ve		-ve		-ve		+ve	
2274	+ve		-ve		-ve		+ve	
2356	+ve		-ve		-ve		+ve	
2426	+ve		-ve		-ve		+ve	
2441	+ve		+ve		-ve		+ve	
2455	+ve		-ve		-ve		+ve	
2459	+ve	O9	-ve		-ve		+ve	O4
2472	Nil Return							
2519	+ve		-ve		-ve		+ve	
2532	+ve	Salmonella sp.	-ve		-ve		+ve	B/S.typhimurium
2573	+ve		+ve		-ve		+ve	
2578	+ve	C1	-ve		-ve		+ve	B
2626	+ve		-ve		-ve		+ve	
2636	+ve		-ve		-ve		+ve	
2662	+ve	C	-ve		-ve		+ve	B
2670	+ve	Group C1	-ve		-ve		+ve	Group B
2753	+ve		-ve		-ve		+ve	
2762	+ve		-ve		-ve		+ve	
2767	+ve	C	-ve		-ve		+ve	B
2816	+ve		-ve		-ve		+ve	
2886	+ve		-ve		-ve		+ve	
2897	Nil Return							
2907	+ve	Group C	-ve		-ve		+ve	Group B
2926	+ve		-ve		-ve		+ve	
2930	+ve		-ve		-ve		+ve	
2959	+ve	Salmonella spp	-ve	Citrobacter	-ve	Citrobacter	+ve	Salmonella spp
3002	+ve		-ve		-ve		+ve	
3020	+ve	S. Infantis	-ve		-ve		+ve	S. Typhimurium
3061	+ve		-ve		-ve		+ve	
3076	+ve	salmonella spp	-ve	-	-ve	-	+ve	salmonella spp
3081	+ve		-ve		-ve		+ve	
3086	+ve		-ve		-ve		+ve	Typhimurium
3134	+ve		-ve		-ve		+ve	
3154	+ve		-ve		-ve		+ve	
3174	+ve		-ve		-ve		+ve	
3205	+ve	Group C	-ve		-ve		+ve	B/Typhimurium
3290	+ve	Group C1	-ve		-ve		+ve	Group B
3361	+ve	Group C1	-ve		-ve		+ve	Group B

Culture	21/1281	
	Interpretation (+ve/-ve/IC)	Salmonella Group/Type
Intended	Simulated 10g carcass - Escherichia coli + Pseudomonas aeruginosa	
	-ve	Negative
1002	Unable to Test	
1023	-ve	
1033	-ve	
1056	-ve	
1067	-ve	
1076	Unable to Test	
1081	-ve	Not Detected
1089	-ve	
1095	-ve	
1114	-ve	
1115	-ve	
1125	Nil Return	
1127	-ve	Negative
1133	-ve	
1143	-ve	Negative
1157	-ve	
1158	-ve	-
1161	-ve	
1198	-ve	
1217	-ve	
1228	-ve	
1235	-ve	
1246	Nil Return	
1297	-ve	
1340	-ve	
1374	-ve	Negative
1387	-ve	
1436	-ve	
1521	-ve	
1559	-ve	
1614	-ve	
1626	-ve	
1638	-ve	Not Detected
1641	-ve	
1647	-ve	
1648	-ve	
1654	-ve	
1656	-ve	
1658	-ve	
1669	-ve	
1674	-ve	

Culture	21/1281	
	Interpretation (+ve/-ve/IC)	Salmonella Group/Type
Intended	Simulated 10g carcass - Escherichia coli + Pseudomonas aeruginosa	
	-ve	Negative
1700	-ve	
1733	-ve	
1759	-ve	
1770	-ve	
1798	-ve	
1853	-ve	
1884	-ve	
1894	-ve	
1896	-ve	
1905	-ve	
1913	-ve	
1944	+ve	B Typhimurium
1947	-ve	
1980	-ve	
2011	-ve	
2021	-ve	
2053	-ve	
2062	-ve	
2090	-ve	
2098	-ve	Not Salmonella
2111	-ve	
2112	-ve	
2131	-ve	not detected
2143	-ve	
2151	-ve	
2204	+ve	
2212	-ve	
2229	-ve	
2266	-ve	
2274	-ve	
2356	-ve	
2426	-ve	
2441	-ve	
2455	-ve	
2459	-ve	
2472	Nil Return	
2519	-ve	
2532	-ve	
2573	-ve	
2578	-ve	
2626	-ve	

Culture	21/1281	
	Interpretation (+ve/-ve/IC)	Salmonella Group/Type
Intended	Simulated 10g carcass - Escherichia coli + Pseudomonas aeruginosa	
	-ve	Negative
2636	-ve	
2662	-ve	
2670	-ve	
2753	-ve	
2762	-ve	
2767	+ve	B
2816	-ve	
2886	-ve	
2897	Nil Return	
2907	-ve	
2926	+ve	
2930	-ve	
2959	+ve	Salmonella spp
3002	-ve	
3020	-ve	
3061	-ve	
3076	-ve	-
3081	-ve	
3086	-ve	
3134	-ve	
3154	-ve	
3174	-ve	
3205	-ve	
3290	-ve	
3361	-ve	

Intended results were determined using BPW into MSR/V agar.

Comments provided by Michael Elliott, APHA Newcastle

Sample 21/1277 Simulated carcass - Salmonella Infantis (Positive Gp C)

All labs who returned results correctly reported the presence of Salmonella species in this sample. Where labs had provided identification or serotyping results they all correlated with the expected result. There was however one exception, lab 2459 reported the isolate as a Group D (O9).

Sample 21/1278 Simulated faeces - Citrobacter youngae (Negative)

All labs who returned results correctly reported the absence of Salmonella species in this sample, with the exception of labs 1023, 2229, 2441 and 2573 who reported the presence of Salmonella in the sample.

Sample 21/1279 Simulated chick box liner - Citrobacter youngae (Negative)

All labs who returned results correctly reported the absence of Salmonella species in this sample, with the exception of labs 1674 and 2229 who reported the presence of Salmonella in the sample.

Sample 21/1280 Simulated boot swabs – Salmonella Typhimurium & Pseudomonas aeruginosa (Positive Gp B)

All labs who returned results correctly reported the presence of Salmonella species in this sample. Where labs had provided identification or serotyping results they all correlated with the expected result. There were however three exceptions, lab 1944 reported that there was no Salmonella isolated from the sample, while labs 1521 and 1658 reported the isolate as a Group D Salmonella.

Sample 21/1281 Simulated carcass – Escherichia coli & Pseudomonas aeruginosa (Negative)

All labs who returned results correctly reported the absence of Salmonella species in this sample, There were however five exceptions, labs 1944, 2204, 2767, 2926 and 2959 reported that they had isolated Salmonella from the sample.

Lab 1674 reported that they had noticed low motility of the strains. No other participants recorded such issues with the samples.

There were four Nil Returns, from labs 1125, 1246, 2472 and 2897. Labs 1002 and 1076 were Unable to Test.

Vetqas comment: Participants in this distribution were from countries including South Africa, Italy, Serbia, The Netherlands, Portugal, India, UK, Turkey, Canada, Belgium, Eire, Croatia, Germany, Chile, USA, Thailand, Spain, Greece, Malaysia, Estonia, Australia, Republic of Korea, UAE and Morocco.



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