



## Results tabulation for 14676/BA PT0088: Salmonella in poultry

Distribution Date: 03/08/2021

Culture	21/1540		21/1541		21/1542		21/1543	
	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 - Citrobacter youngae + Pseudomonas aeruginosa		Simulated 10 g faeces - Salmonella Typhimurium (approx. 55,000 cfu per vial) + Escherichia coli		Simulated 10 g carcass - Salmonella Newport (approx. 33,000 cfu per vial)		Simulated chick box liner - Citrobacter youngae + Escherichia coli	
	-ve	Negative	+ve	Group B	+ve	Group C	-ve	Negative
1002	-ve		+ve	Typhimurium	+ve	Newport	-ve	
1023	-ve		+ve		+ve		-ve	
1033	-ve		+ve	B\Typhimurium	+ve	C2\	-ve	
1067	-ve		+ve	S. TYPHIMURIUM	+ve	S.NEWPORT	-ve	
1076	-ve		+ve	S. typhimurium	+ve	S. newport	-ve	
1081	-ve		+ve	Group B 4i	+ve	Group C Newport	-ve	
1089	-ve		+ve		+ve		-ve	
1114	-ve		+ve	S. Typhimurium	+ve	S. Newport	-ve	
1115	-ve		+ve		+ve		-ve	
1125	Nil Return							
1127	-ve	Negative	+ve	Group B	+ve	Group C2	-ve	Negative
1133	-ve	Negative	+ve	Group B	+ve	Group C	-ve	Negative
1143	-ve	Negative	+ve	Group B	+ve	Group C	-ve	Negative
1157	-ve		+ve	Salm. (Gp.B)	+ve	Salm. (Poly O)	-ve	
1158	-ve	-	+ve	S. Typhimurium	+ve	S. Newport	-ve	-
1161	-ve		+ve		+ve		-ve	
1188	-ve		+ve	GroupB	+ve	GroupC	-ve	
1198	-ve		+ve	Group B	+ve	Group C2	-ve	
1217	-ve		+ve	O:4 (B) H:1,2	+ve	O:8 (C2-C3)	-ve	
1235	-ve		+ve	S. Typhimurium	+ve	S. Newport	-ve	
1246	Nil Return							
1387	-ve	nvt	+ve	serogroup B	+ve	serogroup C2C3	-ve	nvt
1436	-ve		+ve	S.Typhimurium	+ve	S.Newport	-ve	
1521	-ve		+ve		+ve		-ve	
1559	-ve		+ve	S. Typhimurium	+ve	S. group C	-ve	
1626	-ve		+ve		+ve		-ve	
1638	-ve		+ve		+ve		-ve	

Culture	21/1540		21/1541		21/1542		21/1543	
	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 - Citrobacter youngae + Pseudomonas aeruginosa		Simulated 10 g faeces - Salmonella Typhimurium (approx. 55,000 cfu per vial) + Escherichia coli		Simulated 10 g carcass - Salmonella Newport (approx. 33,000 cfu per vial)		Simulated chick box liner - Citrobacter youngae + Escherichia coli	
	-ve	Negative	+ve	Group B	+ve	Group C	-ve	Negative
1641	-ve		+ve	B Typhimurium	+ve	C Newport	-ve	
1647	-ve		+ve	S. Typhimurium	+ve	External seroty	-ve	
1648	-ve		+ve	GROUP B	+ve	GROUP C2	-ve	
1654	-ve		+ve	Group B	+ve	Group C	-ve	
1656	-ve	x	+ve	S.Typhimurium	+ve	S.Newport	-ve	x
1658	-ve		-ve		+ve		-ve	
1669	-ve		+ve	S. Typhimurium	+ve	S. Newport	-ve	
1700	-ve		+ve	TYPHIMURIUM (B)	+ve	NEWPORT (C2-C3)	-ve	
1703	-ve		+ve	S. group D	+ve	S. group C2	-ve	
1770	-ve		+ve	group B	+ve	group C	-ve	
1853	-ve		+ve	S. Typhimurium	+ve	S. Newport	-ve	
1884	-ve		+ve		+ve		-ve	
1894	-ve		+ve	S.Typhimurium	+ve	S. Newport	-ve	
1896	Nil Return							
1905	-ve		+ve		-ve		-ve	
1944	-ve		+ve	Typhimurium	+ve	Group C 08	-ve	
1947	-ve		+ve	S.Typhimurium	+ve	External	-ve	
1980	-ve		+ve	S Typhimurium B	+ve	S Newport C2-C3	-ve	
2011	-ve		+ve		+ve		-ve	
2021	-ve		+ve	Salmonella spp.	+ve	Salmonella spp.	-ve	
2053	-ve		+ve	Salmonella spp	+ve	Salmonella spp	-ve	
2096	-ve		+ve		+ve		-ve	
2098	-ve	Not Salmonella	+ve	GpB Typhimurium	+ve	GpC Newport	-ve	Not Salmonella
2111	-ve		+ve	S. Typhimurium	+ve	S. Newport	-ve	
2112	-ve		+ve	B	+ve	C	-ve	
2143	-ve		+ve	S. Typhimurium	+ve	S. Newport	-ve	
2146	-ve		+ve		+ve		-ve	
2204	+ve		+ve		+ve		+ve	
2212	-ve		+ve	Salmonella spp.	+ve	Salmonella spp.	-ve	
2229	+ve	S. Infantis	+ve	S. Typhimurium	+ve	Other	+ve	S. Infantis
2240	-ve		+ve		+ve		-ve	
2262	-ve		+ve	Typhimurium	+ve		-ve	
2274	-ve		+ve		+ve		-ve	
2356	-ve		+ve		+ve		+ve	
2378	-ve		+ve		+ve		-ve	
2426	-ve		+ve		+ve		-ve	
2472	-ve		+ve	S typhimurium	+ve		-ve	
2532	-ve		+ve	B/S.typhimurium	+ve	Salmonella sp.	-ve	
2552	-ve		+ve		+ve		-ve	
2573	-ve		+ve		+ve		-ve	

Culture	21/1540		21/1541		21/1542		21/1543	
	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 - Citrobacter youngae + Pseudomonas aeruginosa		Simulated 10 g faeces - Salmonella Typhimurium (approx. 55,000 cfu per vial) + Escherichia coli		Simulated 10 g carcass - Salmonella Newport (approx. 33,000 cfu per vial)		Simulated chick box liner - Citrobacter youngae + Escherichia coli	
	-ve	Negative	+ve	Group B	+ve	Group C	-ve	Negative
2578	-ve		+ve	B	+ve	C2	-ve	
2662	-ve		+ve		+ve		-ve	
2670	-ve		+ve	Group B	+ve	Salmonella sp.	-ve	
2762	-ve		+ve		+ve		-ve	
2767	-ve		+ve	Group B	+ve	Group C	-ve	
2897	Nil Return							
2925	-ve		+ve	Group B	+ve	Group C2	-ve	
3174	Nil Return							
3205	-ve		+ve	B/Typhimurium	+ve	Group C	-ve	
3361	-ve		+ve	Group B	+ve	Group C	-ve	
3536	-ve		+ve		+ve		-ve	

Culture	21/1544	
	Interpretation (+ve/-ve/IC)	Salmonella Group/Type
Intended	Simulated boot swabs - Salmonella Enteritidis (approx. 32,000 cfu per vial) + Pseudomonas aeruginosa	
	+ve	Group D
1002	+ve	Enteritidis
1023	+ve	
1033	+ve	D\Enteritidis
1067	+ve	S. ENTERITIDIS
1076	+ve	S. enteritidis
1081	+ve	Group D 9gm
1089	+ve	
1114	+ve	S. Enteritidis
1115	+ve	
1125	Nil Return	
1127	+ve	Group D
1133	+ve	Group D
1143	+ve	Group D
1157	+ve	Salm. (Gp.D)
1158	+ve	S. Enteritidis
1161	+ve	
1188	+ve	GroupD
1198	+ve	Group D
1217	+ve	- O:9 (D1)
1235	+ve	S. Enteritidis
1246	Nil Return	

<b>Culture</b>	<b>21/1544</b>	
	Interpretation (+ve/-ve/IC)	Salmonella Group/Type
Intended	Simulated boot swabs - Salmonella Enteritidis (approx. 32,000 cfu per vial) + Pseudomonas aeruginosa	
	+ve	Group D
1387	+ve	Serogroup D
1436	+ve	S.Enteritidis
1521	+ve	Group D
1559	+ve	S. Enteritidis
1626	+ve	
1638	+ve	
1641	+ve	D Enteritidis
1647	+ve	S. Enteritidis
1648	+ve	GROUP B
1654	+ve	Group D
1656	+ve	S.Enteritidis
1658	-ve	
1669	+ve	S. Enteritidis
1700	+ve	ENTERITIDIS
1703	+ve	S. group B
1770	+ve	group D
1853	+ve	S. Enteritidis
1884	+ve	
1894	+ve	S. Enteritidis
1896	Nil Return	
1905	+ve	
1944	+ve	D Enteritidis
1947	+ve	S. Enteritidis
1980	+ve	S EnteritidisD1
2011	+ve	
2021	+ve	Salmonella spp.
2053	+ve	Salmonella spp
2096	+ve	
2098	+ve	GpD Enteritidis
2111	+ve	S. Enteritidis
2112	+ve	D
2143	+ve	S. Enteritidis
2146	+ve	
2204	+ve	
2212	+ve	Salmonella spp.
2229	+ve	S. Infantis
2240	+ve	
2262	+ve	Enteritidis
2274	+ve	
2356	+ve	
2378	+ve	

<b>Culture</b>	<b>21/1544</b>	
	Interpretation (+ve/-ve/IC)	Salmonella Group/Type
Intended	Simulated boot swabs - Salmonella Enteritidis (approx. 32,000 cfu per vial) + Pseudomonas aeruginosa	
	+ve	Group D
2426	+ve	
2472	+ve	
2532	+ve	D/S.enteritidis
2552	+ve	
2573	+ve	
2578	+ve	D
2662	+ve	
2670	+ve	Group D1
2762	+ve	
2767	+ve	Group D
2897	Nil Return	
2925	+ve	Group D
3174	Nil Return	
3205	+ve	D/Enteritidis
3361	+ve	Group D
3536	+ve	

Intended results were determined using BPW into MSRV agar.

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#### **Comments provided by Paula Johnson, Quality Assurance Unit Sutton Bonington**

**Samples 21/1540** and **21/1543** did not contain Salmonella. Three laboratories reported these samples as positive for Salmonella.

Laboratory 2204 reported both as positive for Salmonella. However, they did not report any serotype or species and therefore it is not possible to comment whether cross contamination had occurred from the other PT samples.

Laboratory 2229 also recorded both negative samples as positive for Salmonella Infantis; this Salmonella serotype was not present in any of the PT samples in this panel.

Laboratory 2356 reported negative sample 21/1543 as positive without serotype or species to be able to ascertain if this was cross-contamination from the other positive samples.

**Sample 21/1541:** All participants isolated Salmonella with the exception of Laboratory 1658. Where reported, the serotypes/species were correct other than for Laboratory 1703, where Group D was recorded.

**Sample 21/1542:** All participants isolated Salmonella with the exception of Laboratory 1905. Where reported, the serotypes were correct.

**Sample 21/1544:** Laboratory 1658 did not isolate Salmonella from this sample. Laboratory 2229 incorrectly reported Salmonella Infantis. All other participants recorded the expected results, including those that recorded the serotype/species.

Laboratories reporting unexpected results should investigate and contact us if they require a repeat panel of samples.

Laboratories 1125, 1246, 1896, 2897 and 3174 were Nil Returns for this distribution.

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



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