



## Results tabulation for 14989/BA PT0088: Salmonella in poultry

Distribution Date: 03/05/2022

Culture	22/1376		22/1377		22/1378		22/1379	
	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 chick box liner - Citrobacter youngae		Simulated 10 g faeces – Salmonella Enteritidis + Escherichia coli (approx. 9,000 cfu per vial)		Simulated 10 g carcass - Citrobacter youngae + Pseudomonas aeruginosa		Simulated 10 g faeces - Salmonella Kentucky (approx. 12,000 cfu per vial)	
		Negative		Group D		Negative		Group C
1023	-ve		+ve		-ve		+ve	
1030	-ve		+ve	S.Enteritidis	-ve		+ve	S.group C2,C3
1033	-ve		+ve	D/Enteritidis	-ve		+ve	Salmonella spp
1056	-ve		+ve	Enteritidis	-ve		+ve	8 ( C2-C3 )
1067	-ve		+ve	S. Enteritidis	-ve		+ve	S. Kentucky
1076	-ve		+ve	S. enteritidis	-ve		-ve	
1081	-ve	Not Detected	+ve	S. Enteritidis	-ve	Not Detected	+ve	Group C
1089	-ve		+ve		-ve		+ve	
1095	-ve		+ve		-ve		+ve	
1114	-ve		+ve	S. Enteritidis	-ve		+ve	S. Kentucky
1115	-ve		+ve		-ve		+ve	
1127	-ve	Negative	+ve	Group D	-ve	Negative	+ve	Group C2
1133	-ve	Negative	+ve	Group D	-ve	Negative	+ve	Group C
1143	-ve	Negative	+ve	Group D	+ve	Negative	+ve	Group C
1157	-ve		+ve	Salm. (Gp. D)	-ve		+ve	Salm. (Poly O)
1158	Nil Return							
1161	-ve		+ve		-ve		+ve	
1198	-ve		+ve	Group D	-ve		+ve	Group C2
1217	-ve		+ve	O:9 (D1)	-ve		+ve	O:8 (C2-C3)
1220	-ve	Negative	+ve	Salm Group D	-ve	Negative	+ve	Salm Group C2
1228	-ve		+ve		-ve		+ve	
1235	-ve		+ve	S. Enteritidis	-ve		+ve	
1297	-ve		+ve		-ve		+ve	
1374	-ve	Citrobacter	+ve	Group D	-ve	Citrobacter	+ve	Group C
1387	-ve		+ve	serogroup D	-ve		+ve	serogroep C2-C3
1436	-ve		+ve	S.Enteritidis	-ve		+ve	S.Kentucky
1559	-ve		+ve	S. Enteritidis	-ve		+ve	S. group C

Culture	22/1376		22/1377		22/1378		22/1379	
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Intended	Simulated chick box liner - Citrobacter youngae		Simulated 10 g faeces - Salmonella Enteritidis + Escherichia coli (approx. 9,000 cfu per vial)		Simulated 10 g carcass - Citrobacter youngae + Pseudomonas aeruginosa		Simulated 10 g faeces - Salmonella Kentucky (approx. 12,000 cfu per vial)	
		Negative		Group D		Negative		Group C
1614	-ve		+ve	not serotyped	-ve		+ve	not serotyped
1634	-ve	Citrobacter	+ve	enteritidis	-ve	Citrobacter	+ve	Salmonella spp.
1638	-ve		+ve		-ve		+ve	
1641	Unable to Test							
1647	-ve		+ve	S. Enteritidis	-ve		+ve	External seroty
1654	-ve	N/A	+ve	Group D	-ve	N/A	+ve	Group C
1658	-ve	-	+ve	-	-ve	-	+ve	-
1669	-ve		+ve	S. Enteritidis	-ve		+ve	S. Kentucky
1674	-ve		+ve	S. Enteritidis	-ve		+ve	S. Kentucky
1700	-ve		+ve	Enteritidis(D1)	-ve		+ve	Kentucky(C2-C3)
1733	-ve		+ve		+ve		+ve	
1759	-ve		+ve	Salmonella spp.	-ve		+ve	Salmonella spp.
1798	-ve		+ve	S. enteritidis	-ve		+ve	O Group: C
1884	-ve		+ve		-ve		+ve	
1905	-ve		+ve		-ve		+ve	
1944	-ve		+ve	D Enteritidis	-ve		+ve	C O8
1947	-ve		+ve	S. Enteritidis	-ve		+ve	External
1980	-ve		+ve	S.EnteritidisD1	-ve		+ve	S.KentuckyC2-C3
2021	-ve		+ve		-ve		+ve	
2027	-ve	N/A	+ve	D1 Enteritidis	-ve	N/A	+ve	C2-C3 Kentucky
2053	Unable to Test							
2062	-ve		+ve		-ve		+ve	
2090	-ve		+ve		-ve		+ve	
2096	-ve		+ve		-ve		+ve	
2098	-ve	Not Salmonella	+ve	Enteritidis	-ve	Not Salmonella	+ve	Kentucky
2111	-ve		+ve	S. Enteritidis	-ve		+ve	S. Kentucky
2112	-ve		+ve	D	-ve		+ve	C
2131	-ve	not detected	+ve	S. Enteritidis	-ve	not detected	+ve	S. O:6(1), O:8
2143	Nil Return							
2151	-ve		+ve		-ve		+ve	
2204	-ve		+ve		-ve		+ve	
2212	-ve		+ve	Salmonella spp.	-ve		+ve	Salmonella spp.
2229	-ve		+ve	S. Enteritidis	-ve		+ve	Other
2240	-ve		+ve		-ve		+ve	
2266	-ve		+ve		-ve		+ve	
2274	Nil Return							
2292	Unable to Test							
2369	-ve		+ve	O:9 Enteritidis	-ve		+ve	O:8
2426	-ve		+ve		-ve		+ve	
2441	-ve		+ve		-ve		+ve	
2459	-ve		+ve	O9	-ve		+ve	OMB

Culture	22/1376		22/1377		22/1378		22/1379	
	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 chick box liner - Citrobacter youngae		Simulated 10 g faeces - Salmonella Enteritidis + Escherichia coli (approx. 9,000 cfu per vial)		Simulated 10 g carcass - Citrobacter youngae + Pseudomonas aeruginosa		Simulated 10 g faeces - Salmonella Kentucky (approx. 12,000 cfu per vial)	
		Negative		Group D		Negative		Group C
2472	-ve		+ve	S. Enteritidis	-ve		+ve	
2508	-ve		+ve		-ve		+ve	
2519	-ve	N/A	+ve	N/A	-ve	N/A	+ve	N/A
2532	-ve		+ve	D/S.enteritidis	-ve		+ve	Salmonella spp
2552	-ve		+ve		-ve		+ve	
2578	-ve	N/A	+ve	D	-ve	N/A	+ve	C2C3
2603	-ve		+ve	ENTERITIDIS	-ve		+ve	KENTUCKY
2626	-ve		+ve		+ve		+ve	
2636	-ve		+ve		-ve		+ve	
2670	-ve		+ve	Group D1	-ve		+ve	Salmonella sp.
2672	-ve		+ve	S. enteritidis	-ve		+ve	group C2-C3
2753	-ve		+ve		-ve		+ve	
2755	-ve		+ve	Enteritidis	+ve	Enteritidis	+ve	Hadar
2762	-ve		+ve	Enteritidis	-ve		+ve	Kentucky
2767	-ve		+ve	Group C	-ve		+ve	Group D
2816	-ve		+ve		-ve		+ve	
2886	+ve		+ve		-ve		+ve	
2889	-ve	N/A	+ve	D	-ve	N/A	+ve	C
2907	-ve	Negative	+ve	Group D	-ve	Negative	+ve	Group C
2925	-ve		+ve	serogrup D	-ve		+ve	serogrup C2
2926	-ve		+ve		-ve		+ve	
2930	-ve		+ve		-ve		+ve	
2959	-ve	Citrob.youngae	+ve	Enterica ssp	-ve	Citrob.youngae	+ve	Enterica ssp
3002	-ve		+ve		-ve		+ve	
3020	-ve		+ve	S. Enteritidis	-ve		+ve	S. Kentucky
3061	-ve		+ve		-ve		+ve	
3076	-ve		+ve	salmonella spp	-ve		+ve	salmonella spp
3081	-ve		+ve		-ve		+ve	
3086	-ve		+ve	O:9,12 H:g,m,s	-ve		+ve	
3127	-ve		+ve		-ve		+ve	
3134	-ve		+ve	Salmonella spp	-ve		+ve	Salmonella spp
3154	-ve		+ve		-ve		+ve	
3174	-ve		+ve		-ve		+ve	
3205	-ve		+ve	D/Hgm	-ve		+ve	C3
3290	-ve		+ve	Group D	-ve		+ve	Group C
3361	-ve		+ve	Group D	-ve		+ve	Group C
3511	-ve		+ve	S. Enteritidis	-ve		+ve	S. Molade
3536	-ve		+ve		-ve		+ve	

<b>Culture</b>	<b>22/1380</b>	
	Interpretation (+ve/-ve/IC)	Salmonella Group/Type
Intended	Simulated boot swabs - Citrobacter youngae + Escherichia coli	
		Negative
1023	-ve	
1030	-ve	
1033	-ve	
1056	-ve	
1067	-ve	
1076	+ve	S. kentucky
1081	-ve	Not Detected
1089	-ve	
1095	-ve	
1114	-ve	
1115	-ve	
1127	-ve	Negative
1133	-ve	Negative
1143	-ve	Negative
1157	-ve	
1158	Nil Return	
1161	-ve	
1198	-ve	
1217	-ve	
1220	-ve	Negative
1228	-ve	
1235	-ve	
1297	-ve	
1374	-ve	Citrobacter
1387	-ve	
1436	-ve	
1559	-ve	
1614	-ve	
1634	-ve	Citrobacter
1638	-ve	
1641	Unable to Test	
1647	-ve	
1654	-ve	N/A
1658	-ve	-
1669	-ve	
1674	-ve	
1700	-ve	
1733	-ve	
1759	-ve	
1798	-ve	
1884	-ve	
1905	-ve	

<b>Culture</b>	<b>22/1380</b>	
	Interpretation (+ve/-ve/IC)	Salmonella Group/Type
Intended	Simulated boot swabs - Citrobacter youngae + Escherichia coli	
		Negative
1944	-ve	
1947	-ve	
1980	-ve	
2021	-ve	
2027	-ve	N/A
2053	Unable to Test	
2062	-ve	
2090	-ve	
2096	-ve	
2098	-ve	Not Salmonella
2111	-ve	
2112	-ve	
2131	-ve	not detected
2143	Nil Return	
2151	-ve	
2204	-ve	
2212	-ve	
2229	-ve	
2240	-ve	
2266	-ve	
2274	Nil Return	
2292	Unable to Test	
2369	-ve	
2426	-ve	
2441	-ve	
2459	-ve	
2472	-ve	
2508	-ve	
2519	-ve	N/A
2532	-ve	
2552	-ve	
2578	-ve	N/A
2603	-ve	
2626	-ve	
2636	-ve	
2670	-ve	
2672	-ve	
2753	-ve	
2755	-ve	
2762	-ve	
2767	-ve	
2816	-ve	

<b>Culture</b>	<b>22/1380</b>	
	Interpretation (+ve/-ve/IC)	Salmonella Group/Type
Intended	Simulated boot swabs - Citrobacter youngae + Escherichia coli	
		Negative
2886	-ve	
2889	-ve	N/A
2907	-ve	Negative
2925	-ve	
2926	-ve	
2930	-ve	
2959	-ve	
3002	-ve	
3020	-ve	
3061	-ve	
3076	-ve	
3081	-ve	
3086	-ve	
3127	-ve	
3134	-ve	
3154	-ve	
3174	-ve	
3205	-ve	
3290	-ve	
3361	-ve	
3511	-ve	
3536	-ve	

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

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

100 Laboratories submitted results for this exercise. 6 laboratories did not submit results.

Sample 22/1377 - All participants isolated Salmonella and where noted, the serotypes and strains were also correct.

Sample 22/1379 - With the exception of Lab 1076, all participants isolated Salmonella, the majority of which, also reported the correct strain and serotype (Lab 2767 reported group D).

For the samples that did not contain Salmonella:

- Lab 2886 isolated Salmonella in sample 22/1376
- Labs 1733, 2626 and 2755 isolated Salmonella in sample 22/1378
- Lab 1076 isolated Salmonella in sample 22/1380 - it is likely there has been a mix up with two samples.

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, Greece, Malaysia, Cyprus, Morocco, UAE, Brunei, France, Australia and Republic of Korea.



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