



Results tabulation for 14461/BA PT0088: Salmonella in poultry

Distribution Date: 02/02/2021

Culture	21/1113		21/1114		21/1115		21/1116	
	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 Enteritidis (approx. 15,000 cfu per vial)		Simulated chick box liner - Citrobacter youngae + Pseudomonas aeruginosa		Simulated 10 g faeces - Salmonella Virchow (approx. 145,000 cfu per vial)		Simulated boot swabs - Citrobacter youngae + Escherichia coli	
	+ve	Group D	-ve	Negative	+ve	Group C	-ve	Negative
1002	Unable to Test							
1023	+ve		-ve		+ve		-ve	
1033	+ve	D/Enteritidis	-ve		+ve	C1/Virchow	-ve	
1056	+ve	D1/Enteritidis	-ve	-	+ve	C1/-	-ve	-
1067	+ve	S. Enteritidis	-ve		+ve	S. Virchow	-ve	
1076	+ve	S. enteritidis	-ve		+ve	S. virchow	-ve	
1081	+ve	S. Enteritidis	-ve	Not Detected	+ve	GROUP C	-ve	Not Detected
1089	+ve		-ve		+ve		-ve	
1114	+ve	S. Enteritidis	-ve		+ve	S. Virchow	-ve	
1115	+ve		-ve		+ve		-ve	
1121	+ve	enteritidis	-ve		+ve	virchow	-ve	
1125	+ve	Enteritidis	-ve		+ve		-ve	
1127	+ve	Group D	-ve	Negative	+ve	Group C1	-ve	Negative
1133	+ve	Group D	-ve	n/a	+ve	Group C	-ve	n/a
1143	+ve	Group D	-ve	Negative	+ve	Group C	-ve	negative
1157	+ve	Salm. (Gp.D)	-ve		+ve	Salm. (Poly O)	-ve	
1158	+ve	S. Enteritidis	-ve	-	+ve	S. Virchow	-ve	-
1161	+ve		-ve		+ve		-ve	
1190	+ve		-ve		+ve		-ve	
1198	+ve	Group D	-ve		+ve	Group C1	-ve	
1217	+ve	O:9 (D1)	-ve		+ve	O:7 (C1)	-ve	
1235	+ve	S. Enteritidis	-ve		+ve	S. Virchow	-ve	
1246	Unable to Test							
1261	+ve	D1	-ve		+ve	C1	-ve	
1266	Unable to Test							
1318	+ve	Group D	-ve		+ve	Group C	-ve	
1349	+ve	Salmonella spp.	-ve	Not Salmonella	+ve	Salmonella spp.	-ve	Not Salmonella

Culture	21/1113		21/1114		21/1115		21/1116	
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	+ve	Group D	-ve	Negative	+ve	Group C	-ve	Negative
1382	+ve	S. Enteritidis	-ve		+ve	Salmonella sp.	-ve	
1387	+ve	serogroup D	-ve		+ve	serogroup C1	-ve	
1436	+ve	S. Enteritidis	-ve		+ve	S. Virchow	-ve	
1521	+ve	Group D	-ve		+ve		-ve	
1559	+ve	S. Enteritidis	-ve		+ve	S. group C	-ve	
1626	+ve		-ve		+ve		-ve	
1638	+ve		-ve		+ve		-ve	
1641	+ve	D, Enteritidis	-ve		+ve	Salm. Rauform	-ve	
1647	Unable to Test							
1648	+ve	GROUP D	-ve		+ve	GROUP C1	-ve	
1654	+ve	Group D	-ve		+ve	Group C	-ve	
1669	+ve	S. Enteritidis	-ve		+ve	S. Virchow	-ve	
1700	+ve	Enteritidis(D1)	-ve		+ve	Virchow (C1)	-ve	
1770	+ve	S. enteritidis	-ve	C. youngae	+ve	group C	-ve	
1812	+ve	Enteritidis	-ve		+ve	Virchow	-ve	
1853	+ve	S. Enteritidis	-ve		+ve	S. Virchow	-ve	
1884	+ve		-ve		+ve		-ve	
1894	+ve	S. Enteritidis	-ve		+ve	S. Virchow	-ve	
1905	+ve	Salmonella sp.	-ve		+ve	Salmonella sp.	-ve	
1944	Nil Return							
1947	+ve	S. Enteritidis	-ve		+ve	S. Virchow	-ve	
1980	+ve	S. Enteritidis D1	-ve		+ve	S. Virchow C1	-ve	
2011	+ve		-ve		+ve		-ve	
2021	+ve	Salmonella spp	-ve		+ve	Salmonella spp	-ve	
2053	+ve	Salmonella spp	-ve		+ve	Salmonella spp	-ve	
2090	+ve		-ve		+ve		-ve	
2096	+ve		-ve		+ve		-ve	
2098	+ve	D Entertidis	-ve	Not Salmonella	+ve	C Virchow	-ve	Not Salmonella
2111	+ve	S. Entertidis	-ve		+ve	S. Virchow	-ve	
2112	+ve	D	-ve	n/a	+ve	C1/C4	-ve	n/a
2143	+ve	S. Enteritidis	-ve		+ve	S. Virchow		
2146	+ve		-ve		+ve		-ve	
2204	+ve		-ve		+ve		-ve	
2212	+ve		-ve		+ve		-ve	
2214	+ve	S. enteritidis	-ve	C. youngae	+ve	S. enteritidis	-ve	C. youngae
2229	+ve	Other	+ve	Other	+ve	S. Virchow	+ve	Other
2231	Unable to Test							
2240	+ve		-ve		+ve		-ve	
2274	+ve		-ve		+ve		-ve	
2356	+ve		-ve		+ve		-ve	
2369	+ve	D Enteritidis	-ve		+ve	O:7	-ve	

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Intended	Simulated 10 g carcass - Salmonella Enteritidis (approx. 15,000 cfu per vial)		Simulated chick box liner - Citrobacter youngae + Pseudomonas aeruginosa		Simulated 10 g faeces - Salmonella Virchow (approx. 145,000 cfu per vial)		Simulated boot swabs - Citrobacter youngae + Escherichia coli	
	+ve	Group D	-ve	Negative	+ve	Group C	-ve	Negative
2412	+ve	S. Enteritidis	-ve		+ve	Salmonella spp	-ve	
2426	+ve		-ve		+ve		-ve	
2472	+ve	S. Enteritidis	-ve		+ve	S. Typhimurium	-ve	
2532	+ve	D/S.enteritidis	-ve		+ve		-ve	
2552	+ve		-ve		+ve		-ve	
2573	+ve		-ve		+ve		-ve	
2578	+ve	D+	-ve		+ve	C1+	-ve	
2596	Unable to Test							
2641	+ve	D S.Enteritidis	-ve		+ve	Salmonella spp	-ve	
2667	Unable to Test							
2670	+ve	Group D1	-ve		+ve	Group C1	-ve	
2726	+ve	D	-ve		+ve	C	-ve	
2762	+ve		-ve		+ve		-ve	
2767	+ve	Group D	-ve		+ve	Group C	-ve	
2897	Nil Return							
3015	+ve		-ve		+ve		-ve	
3100	+ve		-ve		+ve		-ve	
3174	+ve		-ve		+ve		-ve	
3205	+ve	D/Enteritidis	-ve		+ve	Group C	-ve	
3361	+ve	Group D	-ve		+ve	Group C1	-ve	
3536	+ve		-ve		+ve		-ve	

Culture	21/1117	
	Interpretation (+ve/-ve/IC)	Salmonella Group/Type
Intended	Simulated boot swabs - Salmonella Kentucky (approx.. 8,000 cfu per vial)	
	+ve	Group C
1002	Unable to Test	
1023	+ve	
1033	+ve	C2/Kentucky
1056	+ve	C/-
1067	+ve	S. Kentucky
1076	+ve	S. kentucky
1081	+ve	GROUP C
1089	+ve	
1114	+ve	S. Kentucky
1115	+ve	
1121	+ve	kentucky
1125	-ve	

Culture	21/1117	
	Interpretation (+ve/-ve/IC)	Salmonella Group/Type
Intended	Simulated boot swabs - Salmonella Kentucky (approx.. 8,000 cfu per vial)	
	+ve	Group C
1127	+ve	Group C2
1133	+ve	Group C
1143	+ve	Group C
1157	+ve	Salm. (Poly O)
1158	+ve	S. Kentucky
1161	+ve	
1190	+ve	
1198	+ve	Group C2
1217	+ve	O:8 (C2-C3)
1235	+ve	Ongoing
1246	Unable to Test	
1261	+ve	C3
1266	Unable to Test	
1318	+ve	Group C
1349	+ve	Salmonella spp.
1382	+ve	Salmonella sp.
1387	+ve	Serogroup C2,C3
1436	+ve	S.Kentucky
1521	+ve	
1559	+ve	S. group C
1626	+ve	
1638	+ve	
1641	+ve	C, Kentucky
1647	Unable to Test	
1648	+ve	GROUP C2
1654	+ve	Group C
1669	+ve	S. Kentucky
1700	+ve	Kentucky C2-C3
1770	+ve	group c
1812	+ve	Kentucky
1853	+ve	S. Kentucky
1884	+ve	
1894	+ve	S. Kentucky
1905	+ve	Salmonella sp.
1944	Nil Return	
1947	+ve	Ext. company
1980	+ve	S.KentuckyC2-C3
2011	+ve	
2021	+ve	Salmonella spp
2053	+ve	Salmonella spp
2090	+ve	
2096	+ve	

Culture	21/1117	
	Interpretation (+ve/-ve/IC)	Salmonella Group/Type
Intended	Simulated boot swabs - Salmonella Kentucky (approx.. 8,000 cfu per vial)	
	+ve	Group C
2098	+ve	C2 Kentucky
2111	+ve	S. Kentucky
2112	+ve	C3
2143	+ve	S. Kentucky
2146	+ve	
2204	+ve	
2212	+ve	
2214	+ve	S.enteritidis
2229	+ve	Other
2231	Unable to Test	
2240	+ve	
2274	+ve	
2356	+ve	
2369	+ve	O:8
2412	+ve	Salmonella spp
2426	+ve	
2472	+ve	
2532	+ve	
2552	+ve	
2573	+ve	
2578	+ve	C2+
2596	Unable to Test	
2641	+ve	Salmonella spp
2667	Unable to Test	
2670	+ve	Group C3
2726	+ve	C
2762	+ve	
2767	+ve	Group C
2897	Nil Return	
3015	+ve	
3100	+ve	
3174	+ve	
3205	+ve	C3/Kentucky
3361	+ve	Group C2
3536	+ve	

Intended results were determined using BPW into MSRV agar.

Comments provided by Michael Elliott, APHA Newcastle

Sample 21/1113 Salmonella Enteritidis (+ve Gp D)

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.

Sample 21/1114 Citrobacter youngae & Pseudomonas aeruginosa (-ve)

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

Sample 21/1115 Salmonella Virchow (+ve 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 were however three exceptions, lab 1641 reported the isolate as *S. rauforum*, lab 2214 reported the isolate as *S. enteritidis* and lab 2472 reported the isolate as *S. typhimurium*.

Sample 21/1116 Citrobacter youngae & Escherichia coli (-ve)

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

Sample 21/1117 Salmonella Kentucky (+ve Gp C)

All labs who returned results correctly reported the presence of Salmonella species in this sample. There was one exception, with lab 1125 reporting the absence of Salmonella in this sample. Where labs had provided identification or serotyping results they all correlated with the expected result with the exception of lab 2214 for sample 21/1117 (reported *S. enteritidis*)

None of the labs submitting incorrect results recorded any comments to indicate issues with the samples or their assays.

There were two Nil Returns, from labs 1944 and 2897. Seven other labs stated that they were unable to test the samples.

Vetqas comment: Participants in this distribution were from countries including South Africa, Italy, Morocco, The Netherlands, Malta, Botswana, Portugal, India, UK, Turkey, Canada, Belgium, Ireland, Germany, Chile, USA, Thailand, Spain, Greece, Jordan, Malaysia, Cyprus, Saudi Arabia, Australia, Brazil, Indonesia, and Singapore.



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