



## Results tabulation for 15790/BA PT0088: Salmonella in poultry

Distribution Date: 07/05/2024

Culture	24/1339		24/1340		24/1341		24/1342	
	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 boot swabs - Escherichia coli + Pseudomonas aeruginosa		Simulated 10 g carcass - Citrobacter youngae + Pseudomonas aeruginosa		Simulated 10 g carcass - Salmonella Senftenberg (approx. 1000 cfu per vial)		Simulated chick box liner - Citrobacter youngae	
	-ve	Negative	-ve	Negative	+ve	Group E	-ve	Negative
1002	-ve		-ve		+ve	Senftenberg	-ve	
1030	-ve		-ve		+ve	Salmonella spp.	-ve	
1033	-ve		-ve		+ve	Salmonella spp	-ve	
1067	-ve		-ve		+ve	S. Senftenberg	-ve	
1081	-ve		-ve		+ve	Senftenberg (E)	-ve	
1089	-ve		-ve		+ve		-ve	
1095	-ve		-ve		+ve		-ve	
1096	-ve	Negative	-ve	Negative	+ve	Group B	-ve	Negative
1114	-ve		-ve		+ve	S. Senftenberg	-ve	
1115	-ve		-ve		+ve		-ve	
1127	-ve		-ve		+ve	Group E	-ve	
1133	-ve	Negative	-ve	Negative	+ve	Group E	-ve	Negative
1143	-ve	Negative	-ve	Negative	+ve	Group E	-ve	Negative
1157	-ve		-ve		+ve	Salm. (Poly O)	-ve	
1158	Nil Return							
1198	-ve		-ve		+ve	group E4	-ve	
1217	-ve		-ve		+ve	O:1,3,19(E4)	-ve	
1228	-ve		-ve		+ve		-ve	
1235	-ve		-ve		+ve	S. Senftenberg	-ve	
1246	-ve		+ve		+ve		+ve	
1297	-ve		-ve		+ve		-ve	
1374	-ve	Pseudomonas	-ve	Citrobacter	+ve	Group E	-ve	Citrobacter
1387	-ve		-ve		+ve	B-/D-/C1-/C2C3-	-ve	
1436	-ve		-ve		+ve	S.Senftenberg	-ve	
1524	-ve	N/A	-ve	N/A	+ve	Seftenberg	-ve	N/A
1559	-ve		-ve		+ve	S. Senftenberg	-ve	
1614	-ve		-ve		+ve	not serotyped	-ve	
1626	-ve		-ve		+ve		-ve	

Culture	24/1339		24/1340		24/1341		24/1342	
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Intended	Simulated boot swabs - Escherichia coli + Pseudomonas aeruginosa		Simulated 10 g carcass - Citrobacter youngae + Pseudomonas aeruginosa		Simulated 10 g carcass - Salmonella Senftenberg (approx. 1000 cfu per vial)		Simulated chick box liner - Citrobacter youngae	
	-ve	Negative	-ve	Negative	+ve	Group E	-ve	Negative
1638	-ve		-ve		+ve		-ve	
1654	-ve	N/A	-ve	N/A	+ve		-ve	N/A
1658	-ve		-ve		+ve		-ve	
1669	-ve		-ve		+ve	S. Senftenberg	-ve	
1674	-ve		-ve		+ve	S. Senftenberg	-ve	
1700	-ve		-ve		+ve	S. Senftenberg	-ve	
1759	-ve		-ve		+ve	Salmonella spp.	-ve	
1770	Nil Return							
1791	Unable To Test							
1884	-ve		-ve		+ve		-ve	
1894	-ve		-ve		+ve	S.senftenberg	-ve	
1896	-ve		-ve		+ve	Senftenberg	-ve	
1905	-ve		-ve		+ve		-ve	
1944	Nil Return							
1947	-ve		-ve		+ve	S.Senftenberg	-ve	
1980	-ve		-ve		+ve	E/S.Senftenberg	-ve	
2027	-ve	Not Salmonella	-ve	Not Salmonella	+ve	S. Senftenberg	-ve	Not Salmonella
2053	-ve		-ve		+ve	Salmonella spp	-ve	
2062	-ve		-ve		+ve		-ve	
2090	-ve		-ve		+ve		-ve	
2098	-ve	No Growth	-ve	Not Salmonella	+ve	E Senftenberg	-ve	Not Salmonella
2111	-ve		-ve		+ve	S. Senftenberg	-ve	
2112	-ve		-ve		+ve	E	-ve	
2143	-ve		-ve		+ve	S. Senftenberg	-ve	
2151	-ve		-ve		+ve		-ve	
2204	-ve		-ve		+ve		-ve	
2212	-ve		-ve		+ve	spp	-ve	
2229	-ve		-ve		+ve	Other	-ve	
2231	-ve		-ve		+ve	C	-ve	
2266	-ve		-ve		+ve		-ve	
2274	-ve		-ve		+ve		-ve	
2356	-ve		-ve		+ve		-ve	
2375	-ve		-ve		+ve	Group E	-ve	
2426	-ve		-ve		+ve		-ve	
2441	-ve		-ve		+ve		-ve	
2455	-ve		-ve		+ve		-ve	
2459	-ve		-ve		+ve		-ve	
2519	-ve	n/a	-ve	n/a	+ve	n/a	-ve	n/a
2546	-ve		-ve		+ve	Group E/G	-ve	
2552	-ve		-ve		+ve		-ve	
2626	-ve		-ve		+ve		-ve	
2636	-ve		-ve		+ve		-ve	

Culture	24/1339		24/1340		24/1341		24/1342	
	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 boot swabs - Escherichia coli + Pseudomonas aeruginosa		Simulated 10 g carcass - Citrobacter youngae + Pseudomonas aeruginosa		Simulated 10 g carcass - Salmonella Senftenberg (approx. 1000 cfu per vial)		Simulated chick box liner - Citrobacter youngae	
	-ve	Negative	-ve	Negative	+ve	Group E	-ve	Negative
2662	-ve		-ve		+ve	group e	-ve	
2670	-ve		-ve		+ve	Salmonella sp.	-ve	
2672	-ve		-ve		+ve	Group E	-ve	
2753	-ve		-ve		+ve		-ve	
2762	-ve		-ve		+ve	S.SenftenbergE4	-ve	
2799	-ve		-ve		+ve		-ve	
2854	-ve		-ve		+ve		-ve	
2886	-ve		-ve		+ve		-ve	
2907	-ve		-ve		+ve	Group E or G	-ve	
2925	-ve		-ve		+ve	E/Senftenberg	-ve	
2926	-ve		-ve		+ve		-ve	
2930	-ve		-ve		+ve		-ve	
2959	-ve		-ve		+ve	Enterica ssp	-ve	
3002	-ve		-ve		+ve		-ve	
3020	-ve		-ve		+ve	S. Senftenberg	-ve	
3028		Not detected		Not detected		Salmonella spp.		Not detected
3061	-ve		-ve		+ve		-ve	
3076	-ve		-ve		+ve	Salmonella spp	-ve	
3081	-ve		-ve		+ve		-ve	
3086	-ve		-ve		+ve		-ve	
3114	-ve		-ve		+ve	Group E	-ve	
3127	-ve		-ve		+ve		-ve	
3134	-ve		-ve		+ve		-ve	
3154	-ve		-ve		+ve		-ve	
3160	-ve		-ve		+ve	Salmonella spp	-ve	
3361	-ve		-ve		+ve	E4	-ve	
3512	-ve		+ve		+ve		+ve	
3557	-ve		-ve		+ve	Group E/G	-ve	
3800	-ve		-ve		+ve		-ve	
3948	-ve	N/A	-ve	N/A	+ve	E4, 13, 19	-ve	N/A

Culture	24/1343	
	Interpretation (+ve/-ve/IC)	Salmonella Group/Type
Intended	Simulated 10 g faeces - Salmonella Enteritidis (approx. 4000 cfu per vial)	
	+ve	Group D
1002	+ve	Enteritidis
1030	+ve	S.Enteritidis
1033	+ve	D/Enteritidis
1067	+ve	S. Enteritidis

<b>Culture</b>	<b>24/1343</b>	
	Interpretation (+ve/-ve/IC)	Salmonella Group/Type
Intended	Simulated 10 g faeces - Salmonella Enteritidis (approx. 4000 cfu per vial)	
	+ve	Group D
1081	+ve	Enteritidis (D)
1089	+ve	
1095	+ve	
1096	+ve	Group D
1114	+ve	S. Enteritidis
1115	+ve	
1127	+ve	Group D
1133	+ve	Group D
1143	+ve	Group D
1157	+ve	Salm (Gp. D)
1158	Nil Return	
1198	+ve	group D
1217	+ve	O:9 (D1)
1228	+ve	S. enteritidis
1235	+ve	S. Enteritidis
1246	+ve	
1297	+ve	
1374	+ve	Group D
1387	+ve	D+/enteritidis
1436	+ve	S.Enteritidis
1524	+ve	Enteritidis
1559	+ve	S. Enteritidis
1614	+ve	not serotyped
1626	+ve	
1638	+ve	
1654	+ve	
1658	+ve	
1669	+ve	S. Enteritidis
1674	+ve	S. Enteritidis
1700	+ve	S. Enteritidis
1759	+ve	Salmonella spp.
1770	Nil Return	
1791	Unable To Test	
1884	+ve	
1894	+ve	s.enteritidis
1896	+ve	Enteritidis
1905	+ve	
1944	Nil Return	
1947	+ve	S.Enteritidis
1980	+ve	D/S.Enteritidis
2027	+ve	S. Enteritidis
2053	+ve	Salmonrlla spp

<b>Culture</b>	<b>24/1343</b>	
	Interpretation (+ve/-ve/IC)	Salmonella Group/Type
Intended	Simulated 10 g faeces - Salmonella Enteritidis (approx. 4000 cfu per vial)	
	+ve	Group D
2062	+ve	
2090	+ve	
2098	+ve	D Enteritidis
2111	+ve	S. Enteritidis
2112	+ve	D
2143	+ve	S. Enteritidis
2151	+ve	
2204	+ve	
2212	+ve	spp
2229	+ve	S. Enteritidis
2231	+ve	D
2266	+ve	
2274	+ve	
2356	+ve	
2375	+ve	Group D
2426	+ve	
2441	+ve	
2455	+ve	
2459	+ve	O9
2519	+ve	n/a
2546	+ve	Group D
2552	+ve	
2626	+ve	
2636	+ve	
2662	+ve	group d
2670	+ve	Group D1
2672	+ve	S enteritidis
2753	+ve	
2762	+ve	S.EnteritidisD1
2799	+ve	
2854	+ve	
2886	+ve	
2907	+ve	Group D
2925	+ve	D/Enteritidis
2926	+ve	
2930	+ve	
2959	+ve	Enterica ssp
3002	+ve	
3020	+ve	S. Enteritidis
3028		Salmonella spp.
3061	+ve	
3076	+ve	Salmonella spp

<b>Culture</b>	<b>24/1343</b>	
	Interpretation (+ve/-ve/IC)	Salmonella Group/Type
Intended	Simulated 10 g faeces - Salmonella Enteritidis (approx. 4000 cfu per vial)	
	+ve	Group D
3081	+ve	
3086	+ve	S. Enteritidis
3114	+ve	Group D
3127	+ve	
3134	+ve	
3154	+ve	
3160	+ve	Salmonella spp
3361	+ve	D
3512	+ve	
3557	+ve	Group D
3800	+ve	
3948	+ve	Ent 9,12,gm

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

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#### Comments provided by Andrew Huntley, APHA Newcastle

In the May 2024 distribution 15790/BA of PT0088 there were 2 positive and 3 negative Salmonella samples. 100 laboratories were registered for this distribution, with 96 participants returning results before the final deadline. 3 labs (1158, 1770 and 1944) were nil returns and 1 lab (1791) was unable to test.

**24/1339** - Simulated boot swabs - Escherichia coli + Pseudomonas aeruginosa - Negative.  
All participants correctly reported this sample as negative.

**24/1340** - Simulated 10 g carcass - Citrobacter youngae + Pseudomonas aeruginosa - Negative.  
Labs 1246 and 3512 incorrectly reported this sample as positive. All other labs correctly reported a negative result.

**24/1341** - Simulated 10 g carcass - Salmonella Senftenberg (approx. 1000 cfu per vial) - Positive - Group E.  
All labs reported this sample as positive for Salmonella. With the majority of labs reporting correctly to the level given Lab 1096 incorrectly reported this sample as a Group B.  
Lab 2231 incorrectly reported this sample as Group C.  
Lab 3948 reported the sample as E4, 13, 19. I suspect this is a data input error and they meant E4 1,3,19 which would be correct.

**24/1342** - Simulated chick box liner - Citrobacter youngae - Negative.  
Labs 1246 and 3512 incorrectly reported this sample as positive. All other labs correctly reported a negative result.

**24/1343** - Simulated 10 g faeces - Salmonella Enteritidis (approx. 4000 cfu per vial) - Positive - Group D.

All labs reported this sample as positive for Salmonella. With all labs reporting correctly to the level given.

Laboratories with anomalous results should investigate in accordance with their local quality system.  
Should repeat samples be required to help with investigations, please feel welcome to contact [VETQAS@apha.gov.uk](mailto:VETQAS@apha.gov.uk) for further information.

Participants in this distribution were from countries including South Africa, Italy, The Netherlands, Portugal, India, UK, Turkey, Canada, Belgium, Eire, Chile, Germany, Serbia, USA, Greece, UAE, Zambia, Australia, Spain, Republic of Korea, Lithuania, Ghana and Jordan.



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