



Results tabulation for 16297/BA PT0088: Salmonella in poultry

Distribution Date: 06/08/2024

Culture	24/1566		24/1567		24/1568		24/1569	
	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 - Salmonella Enteritidis (approx. 2850 cfu per vial) + Escherichia coli		Simulated 10 g carcass - Escherichia coli + Citrobacter youngae		Simulated chick box liner - Salmonella Newport (approx. 8900 cfu per vial)		Simulated 10 g faeces - Citrobacter youngae	
		Group D		Negative		Group C		Negative
1002	+ve	Enteritidis	+ve	N/A	+ve	Newport	-ve	N/A
1023	+ve		-ve		+ve		-ve	
1033	+ve	D/Enteritidis	-ve		+ve	C	-ve	
1067	+ve	S. Enteritidis	-ve		+ve	S. Newport	-ve	
1081	+ve	S Enteritidis D	-ve	NOT DETECTED	+ve	S Newport C	-ve	NOT DETECTED
1089	+ve		+ve		+ve		-ve	
1114	+ve	S. Enteritidis	-ve		+ve	S. Newport	-ve	
1115	Nil Return							
1127	+ve	Group D	-ve		+ve	Group C2	-ve	
1133	+ve	Group D	-ve	Negative	+ve	Group C	-ve	Negative
1143	+ve	Group D	-ve	Negative	+ve	Group C	-ve	Negative
1157	+ve	Group D	-ve		+ve	Poly O	-ve	
1158	Nil Return							
1198	+ve	Group D	-ve		+ve	Group C2	-ve	
1217	+ve	O:9 (D1)	-ve		+ve	O:8 (C2-C3)	-ve	
1235	+ve	S. Enteritidis	-ve		+ve	S. Newport	-ve	
1246	+ve		-ve		+ve		-ve	
1272	+ve	Salmonella spp.	-ve		+ve	Salmonella spp.	-ve	
1349	+ve	Salmonella spp	-ve	Not Salmonella	+ve	Salmonella spp	-ve	Not Salmonella
1436	+ve	S. Enteritidis	-ve		+ve	S. Newport	-ve	
1507	+ve	D1	-ve		+ve	C2	-ve	
1626	+ve		-ve		+ve		-ve	
1638	Nil Return							
1647	+ve	S.Enteritidis	-ve		+ve	Hoofdgroep C	-ve	
1648	+ve	GROUP D	-ve		+ve	GROUP C2	-ve	
1654	+ve	Group D	-ve		+ve	Group C	-ve	
1658	-ve	-	-ve	-	+ve	-	-ve	-

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Intended	Simulated chick box liner - Salmonella Enteritidis (approx. 2850 cfu per vial) + Escherichia coli		Simulated 10 g carcass - Escherichia coli + Citrobacter youngae		Simulated chick box liner - Salmonella Newport (approx. 8900 cfu per vial)		Simulated 10 g faeces - Citrobacter youngae	
		Group D		Negative		Group C		Negative
1669	+ve	S. Enteritidis	-ve		+ve	S. Newport	-ve	
1700	+ve	S. Enteritidis	-ve		+ve	S. Newport	-ve	
1703	+ve	S. Enteritidis	-ve		+ve	S. serogroup C2	-ve	
1733	+ve	Salmonellagroup	-ve		+ve	Salmonellagroup	-ve	
1791	Nil Return							
1884	+ve		-ve		+ve		-ve	
1894	+ve	S. Enteritidis	-ve		+ve	S. Newport	-ve	
1905	+ve		-ve		+ve		-ve	
1919	+ve	S. Enteritidis	-ve		+ve	S. Newport	-ve	
1947	Nil Return							
1965	Unable To Test							
1980	+ve	D/S. Enteritidis	-ve		+ve	C2-C3/S. Newport	-ve	
2021	+ve		-ve		+ve		-ve	
2027	+ve	S. Enteritidis	-ve	Not Salmonella	+ve	S. Spp GrpC2-C3	-ve	Not Salmonella
2053	+ve	Salmonella spp	-ve		+ve	Salmonella spp	-ve	
2098	+ve	D Enteritidis	-ve	Not Salmonella	+ve	C Newport	-ve	Not Salmonella
2111	+ve	S. Enteritidis	-ve		+ve	S. Newport	-ve	
2112	+ve	D	-ve		+ve	C	-ve	
2143	+ve	S. Enteritidis	-ve		+ve	S. Newport	-ve	
2146	+ve		-ve		+ve		-ve	
2204	Nil Return							
2212	+ve	samonella spp.	-ve		+ve	salmonella spp.	-ve	
2229	+ve	S. Enteritidis	-ve		+ve	Other	-ve	
2274	+ve		-ve		+ve		-ve	
2356	+ve	ent. ssp arizon	-ve		+ve	Salmonella spp	-ve	
2375	+ve	Group D	-ve		+ve	Group C	-ve	
2426	+ve		-ve		+ve		-ve	
2509	+ve	Enteritidis	-ve		+ve	Fillmore	-ve	
2532	+ve	D/S. enteritidis	-ve		+ve	Salmonella spp	-ve	
2546	+ve	Group D	-ve		+ve	Group C	-ve	
2552	+ve		-ve		+ve		-ve	
2578	+ve	Group D	-ve		+ve	Group C2-C3	-ve	
2667	+ve	Salmonella spp	-ve		+ve	Salmonella spp.	-ve	
2670	+ve	Group D1	-ve		+ve	Salmonella sp.	-ve	
2762	+ve	S. Enteritidis D1	-ve		+ve	S. Newport C2-C3	-ve	
2773	+ve	S. Enteritidis	-ve	E. coli	+ve	S. Newport	-ve	Citrobacter sp.
2799	+ve		-ve		+ve		-ve	
2816	Nil Return							
2907	-ve	Negative	-ve	Negative	+ve	Group C	-ve	Negative
2925	+ve	D Enteritidis	-ve		+ve	C2 Newport	-ve	
3022	+ve	OD	-ve		+ve	OC	-ve	

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Intended	Simulated chick box liner - Salmonella Enteritidis (approx. 2850 cfu per vial) + Escherichia coli		Simulated 10 g carcass - Escherichia coli + Citrobacter youngae		Simulated chick box liner - Salmonella Newport (approx. 8900 cfu per vial)		Simulated 10 g faeces - Citrobacter youngae	
		Group D		Negative		Group C		Negative
3100	+ve	Salmonella SPP	-ve	E. Coli	+ve	Salmonella SPP	-ve	Citro Youngae
3174	+ve	D - HGM	-ve		+ve	C	-ve	
3197	+ve	Salmonella (6)	-ve		+ve	Salmonella (6)	-ve	
3361	+ve	Group D	-ve		+ve	Group C	-ve	
3509	+ve		-ve		+ve		-ve	
3557	+ve	Group D	-ve		+ve	Group C	-ve	
3668	+ve		-ve		+ve		-ve	
3800	Nil Return							
3948	+ve	D1	-ve		+ve	C2	-ve	

Culture	24/1570	
	Interpretation (+ve/-ve/IC)	Salmonella Group/Type
Intended	Simulated boot swabs - Salmonella Typhimurium (approx. 1880 cfu per vial) + Pseudomonas aeruginosa	
		Group B
1002	+ve	Typhimurium
1023	+ve	
1033	+ve	B/Typhimurium
1067	+ve	S. Typhimurium
1081	+ve	B O=4 H=i
1089	+ve	
1114	+ve	S. Typhimurium
1115	Nil Return	
1127	+ve	Group B
1133	+ve	Group B
1143	+ve	Group B
1157	+ve	Group B
1158	Nil Return	
1198	+ve	Group B
1217	+ve	O:4 (B)
1235	+ve	S. Typhimurium
1246	+ve	
1272	+ve	Salmonella spp.
1349	+ve	Salmonella spp
1436	+ve	S. Typhimurium
1507	+ve	B
1626	+ve	
1638	Nil Return	

Culture	24/1570	
	Interpretation (+ve/-ve/IC)	Salmonella Group/Type
Intended	Simulated boot swabs - Salmonella Typhimurium (approx. 1880 cfu per vial) + Pseudomonas aeruginosa	
		Group B
1647	+ve	S.Typhimurium
1648	+ve	GROUP B
1654	+ve	Group B
1658	+ve	-
1669	+ve	S. Typhimurium
1700	+ve	S. Typhimurium
1703	+ve	S. serogroup B.
1733	+ve	Salmonellagroup
1791	Nil Return	
1884	+ve	
1894	+ve	S.Typhimurium
1905	+ve	
1919	+ve	S.Typhimurium
1947	Nil Return	
1965	Unable To Test	
1980	+ve	B/S.Typhimurium
2021	+ve	
2027	+ve	S. Typhimurium
2053	+ve	Salmonella spp
2098	+ve	B Typhimurium
2111	+ve	S. Typhimurium
2112	+ve	B
2143	+ve	S. Typhimurium
2146	+ve	
2204	Nil Return	
2212	+ve	salmonella spp.
2229	+ve	S. typhimurium
2274	+ve	
2356	+ve	Salmonella spp
2375	+ve	Group B
2426	+ve	
2509	+ve	Typhimurium
2532	+ve	B/S.typhimurium
2546	+ve	Group B
2552	+ve	
2578	+ve	Group B
2667	+ve	Salmonella spp
2670	+ve	Group B
2762	+ve	S.TyphimuriumB
2773	+ve	S. Typhimurium
2799	+ve	

Culture	24/1570	
	Interpretation (+ve/-ve/IC)	Salmonella Group/Type
Intended	Simulated boot swabs - Salmonella Typhimurium (approx. 1880 cfu per vial) + Pseudomonas aeruginosa	
		Group B
2816	Nil Return	
2907	+ve	Group B
2925	+ve	B Typhimurium
3022	+ve	OB
3100	+ve	Salmonella SPP
3174	-ve	
3197	-ve	
3361	+ve	Group B
3509	+ve	
3557	+ve	Group B
3668	+ve	
3800	Nil Return	
3948	+ve	B

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

Comments provided by Andrew Huntley, APHA Newcastle

In this August 2024 distribution 16297/BA of PT0088 there were 3 positive and 2 negative salmonella samples. 77 laboratories were registered for this distribution, with 68 participants returning results before the final deadline. 8 labs were nil returns and 1 lab was unable to test.

24/1566 - Simulated chick box liner - Salmonella Enteritidis (approx. 2850 cfu per vial) + Escherichia coli - Positive - Group D
Labs 1658 and 2907 incorrectly reported this sample as negative. Lab 2356 incorrectly reported this sample as ent.ssp.arizon. All other labs correctly reported detecting salmonella to the given level.

24/1567 - Simulated 10 g carcass - Escherichia coli + Citrobacter youngae - Negative.
Labs 1002 and 1089 incorrectly reported this sample as positive, however neither gave a salmonella Group/Type, so this may have been a data input error. All other labs correctly reported this sample as 'Negative'.

24/1568 - Simulated chick box liner - Salmonella Newport (approx. 8900 cfu per vial) - Positive - Group C.
Lab 2509 incorrectly reported this sample as S.fillmore. All other labs correctly reported detecting salmonella to the given level.

24/1569 - Simulated 10 g faeces - Citrobacter youngae - Negative.
All labs correctly reported this sample as negative for salmonella.

24/1570 - Simulated boot swabs - Salmonella Typhimurium (approx. 1880 cfu per vial) + Pseudomonas aeruginosa - Positive - Group B. Labs 3174 and 3197 incorrectly reported this sample as negative. All other labs correctly reported detecting salmonella to the given level.

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 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, Switzerland, Malaysia, USA, Greece, Saudi Arabia, Malta, Morocco, UAE, Zambia, Australia, Poland, Columbia, Singapore and Nation of Brunei.



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