



Results tabulation for 15204/BA PT0088: Salmonella in poultry

Distribution Date: 08/11/2022

Culture	22/1836		22/1837		22/1838		22/1839	
	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		Simulated 10 g faeces - Citrobacter youngae + Escherichia coli		Simulated 10 g carcass - Salmonella Typhimurium (approx. 1,200 cfu per vial)		Simulated boot swabs - Citrobacter youngae + Escherichia coli	
	-ve	Negative	-ve	Negative	+ve	Group B	-ve	Negative
1023	-ve		-ve		+ve		-ve	
1033	-ve		-ve		+ve	Typhimurium	-ve	
1067	-ve		-ve		+ve	S. Typhimurium	-ve	
1076	-ve		-ve		+ve	S. typhimurium	-ve	
1081	-ve		-ve		+ve	(O=4) (H=i) (B)	-ve	
1089	-ve		-ve		+ve		-ve	
1114	-ve		-ve		+ve	S. Typhimurium	-ve	
1115	-ve		-ve		+ve		-ve	
1127	-ve		-ve		+ve	B	-ve	
1133	-ve	Negative	-ve	Negative	+ve	Group B	-ve	Negative
1143		Negative		Negative	+ve	Group B		negative
1156	-ve		-ve		+ve		-ve	
1157	-ve		-ve		+ve	Salm. (Gp. B)	-ve	
1158	-ve	-	-ve	-	+ve	S. Typhimurium	-ve	-
1161	-ve		-ve		+ve		-ve	
1188	-ve		-ve		+ve	group B	-ve	
1198	-ve		-ve		+ve	Group B	-ve	
1217	Unable to Test							
1218	-ve		-ve		+ve		-ve	
1235	-ve		-ve		+ve	S. Typhimurium	-ve	
1272	-ve	NEGATIVE	-ve	NEGATIVE	+ve	Group B	-ve	NEGATIVE
1340	-ve		-ve		+ve	Group B	-ve	
1349	-ve		-ve		+ve		-ve	
1374	-ve	Citrobacter	-ve	Citrobacter	+ve	S.typhimurium	-ve	Citrobacter
1387	-ve		-ve		+ve	pos serogroep B	-ve	
1423	-ve		-ve		+ve	Salmonella spp.	-ve	
1436	-ve		-ve		+ve	S.Typhimurium	-ve	

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Intended	Simulated 10 g carcass - Citrobacter youngae		Simulated 10 g faeces - Citrobacter youngae + Escherichia coli		Simulated 10 g carcass - Salmonella Typhimurium (approx. 1,200 cfu per vial)		Simulated boot swabs - Citrobacter youngae + Escherichia coli	
	-ve	Negative	-ve	Negative	+ve	Group B	-ve	Negative
1499	-ve		-ve		+ve	S. typhimurium	+ve	S. typhimurium
1521	-ve		-ve		+ve		-ve	
1559	-ve		-ve		+ve	S. Typhimurium	-ve	
1626	-ve		-ve		+ve		-ve	
1638	-ve		-ve		+ve	Detected	-ve	
1641	-ve		-ve		+ve	B, Typhimurium	-ve	
1647	-ve		-ve		+ve	S. Typhimurium	-ve	
1654	-ve	N/A	-ve	N/A	+ve		-ve	N/A
1658	-ve	-	-ve	-	+ve	-	-ve	-
1669	-ve		-ve		+ve	S. Typhimurium	-ve	
1685	-ve		-ve		+ve	Salmonella spp	-ve	
1700	-ve		-ve		+ve	S.TYPHIMURIUM	-ve	
1733	-ve		-ve		+ve		-ve	
1770	-ve	C. youngae	-ve	C. youngae	+ve	S. typhimurium	-ve	C. youngae
1884	-ve		-ve		+ve		-ve	
1894	-ve		-ve		+ve	S. Typhimurium	-ve	
1944	-ve		-ve		+ve	B/Typhimurium	-ve	
1947	+ve	S. Typhimurium	+ve	S. Typhimurium	+ve	S. Typhimurium	-ve	
1980	-ve		-ve		+ve	S.TyphimuriumB	-ve	
2021	+ve		-ve		+ve		-ve	
2027	-ve		-ve		+ve	S. Typhimurium	-ve	
2053	Nil Return							
2070	-ve		-ve		+ve		-ve	
2096	-ve		-ve		+ve		-ve	
2098	-ve	NOT SALMONELLA	-ve	NOT SALMONELLA	+ve	B / TYPHIMURIUM	-ve	NOT SALMONELLA
2111	-ve		-ve		+ve	S. Typhimurium	-ve	
2112	-ve		-ve		+ve	B	-ve	
2143	-ve		-ve		+ve	S. Typhimurium	-ve	
2167	-ve		-ve		+ve	S. Typhimurium	-ve	
2204	-ve		-ve		+ve		-ve	
2212	-ve		-ve		+ve	Salmonella spp.	-ve	
2229	Unable to Test							
2240	-ve		-ve		+ve		-ve	
2274	-ve		-ve		+ve		-ve	
2356	-ve		-ve		+ve		-ve	
2426	-ve		-ve		+ve		-ve	
2472	-ve		-ve		+ve	Typhimurium	-ve	
2508	Nil Return							
2532	-ve		-ve		+ve	B/S.typhimurium	-ve	

Culture	22/1836		22/1837		22/1838		22/1839	
	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		Simulated 10 g faeces - Citrobacter youngae + Escherichia coli		Simulated 10 g carcass - Salmonella Typhimurium (approx. 1,200 cfu per vial)		Simulated boot swabs - Citrobacter youngae + Escherichia coli	
	-ve	Negative	-ve	Negative	+ve	Group B	-ve	Negative
2552	-ve		-ve		+ve		-ve	
2578	-ve	/	-ve	/	+ve	B	-ve	/
2596	-ve		-ve		+ve	Group B	-ve	
2603	-ve		-ve		+ve	TYPHIMURIUM	-ve	
2628	-ve		-ve		+ve	B/S.Typhimurium	-ve	
2662	-ve		-ve		+ve	B	-ve	
2670	-ve		-ve		+ve	Group B	-ve	
2762	-ve		-ve		+ve		-ve	
2767	-ve		-ve		+ve	B	-ve	
2872	-ve		-ve		+ve		-ve	
2889	-ve	N/A	-ve	N.A	+ve	B (Typhimurium)	-ve	N/A
2907	-ve	Negative	-ve	Negative	+ve	Group B	-ve	Negative
3160	-ve		-ve		+ve	salmonella spp	-ve	
3174	-ve		-ve		+ve		-ve	
3353	Nil Return							
3361	-ve		-ve		+ve	Group B	-ve	
3536	-ve		-ve		+ve		-ve	

Culture	22/1840	
	Interpretation (+ve/-ve/IC)	Salmonella Group/Type
Intended	Simulated chick box liner - Salmonella Senftenberg (approx. 9,000 cfu per vial)	
	+ve	Group E
1023	+ve	
1033	+ve	
1067	+ve	S. Senftenberg
1076	+ve	S. senftenberg
1081	+ve	S Enteritidis D
1089	+ve	
1114	+ve	S. Senftenberg
1115	+ve	
1127	+ve	E
1133	+ve	Group E
1143	+ve	Group E
1156	+ve	
1157	+ve	Salm. (poly O)
1158	+ve	S. Senftenberg
1161	+ve	
1188	+ve	group E

Culture	22/1840	
	Interpretation (+ve/-ve/IC)	Salmonella Group/Type
Intended	Simulated chick box liner - Salmonella Senftenberg (approx. 9,000 cfu per vial)	
	+ve	Group E
1198	+ve	Group E4
1217	Unable to Test	
1218	+ve	
1235	+ve	S. Senftenberg
1272	+ve	Salmonella spp
1340	+ve	Group E or G
1349	+ve	
1374	+ve	S.senftenberg
1387	+ve	neg BDC1C2-C3
1423	+ve	Salmonella spp.
1436	+ve	S.Senftenberg
1499	+ve	Salmonella sp.
1521	+ve	
1559	+ve	S. group E
1626	+ve	
1638	+ve	Detected
1641	+ve	E, Senftenberg
1647	+ve	External seroty
1654	+ve	
1658	+ve	-
1669	+ve	S. Senftenberg
1685	+ve	Salmonella spp
1700	+ve	S.SENFTENBERG
1733	+ve	
1770	+ve	group E
1884	+ve	
1894	+ve	S. Senftenberg
1944	+ve	E/Rare Serotype
1947	+ve	S. Senftenberg
1980	+ve	SSenftenbergE4
2021	+ve	
2027	+ve	S. Senftenberg
2053	Nil Return	
2070	+ve	
2096	+ve	
2098	+ve	SENFTENBERG
2111	+ve	S. Senftenberg
2112	+ve	E
2143	+ve	S. Senftenberg
2167	+ve	S. Senftenberg
2204	+ve	
2212	+ve	Salmonella spp.

Culture	22/1840	
	Interpretation (+ve/-ve/IC)	Salmonella Group/Type
Intended	Simulated chick box liner - Salmonella Senftenberg (approx. 9,000 cfu per vial)	
	+ve	Group E
2229	Unable to Test	
2240	+ve	
2274	+ve	
2356	-ve	
2426	+ve	
2472	+ve	
2508	Nil Return	
2532	+ve	
2552	+ve	
2578	+ve	B-D-C Negative
2596	+ve	Group E
2603	+ve	SENFTENBERG
2628	+ve	Salmonella sp.
2662	+ve	E
2670	+ve	Salmonella sp.
2762	+ve	
2767	+ve	E/G
2872	+ve	
2889	+ve	E (Senftenberg)
2907	+ve	Group E or G
3160	+ve	salmonella spp
3174	+ve	
3353	Nil Return	
3361	+ve	Group E4
3536	+ve	

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

Comments provided by Anne Bollard, APHA

In this November 2022 distribution 15204/BA there were two positive and three negative Salmonella samples. Eighty-three participants were registered and 79 returned results before results deadline closed.

22/1836 - Simulated 10 g carcass - Citrobacter youngae - Negative

All labs reported correct results as being negative for Salmonella other than Labs 1947 and 2021 reporting positive detection of Salmonella.

Lab 1947 reported identifying the culture to be Typhimurium. This anomaly is likely to have been caused by cross contamination from sample 22/1838 or disordering the samples during testing and/or reporting of results.

22/1837 - Simulated 10 g faeces - Citrobacter youngae + Escherichia coli - Negative

All labs reported correct results as being negative for Salmonella other than Lab 1947.
Once again Lab 1947 reported identifying the culture to be Typhimurium and possibly due to likewise issues as sample 22/1836.

22/1838 – Simulated 10 g carcass - Salmonella Typhimurium (approx. 1,200 cfu per vial) - Positive – Group B
All labs correctly detected Salmonella and the majority identified to serogroup B and/or serotype Typhimurium.

22/1839 – Simulated boot swabs - Citrobacter youngae + Escherichia coli – Negative
All labs reported correct results as being negative for Salmonella other than Lab 1499.
Lab 1499 reported identifying the culture to be Typhimurium. This anomaly is likely to have been caused by cross contamination from previous sample 22/1838.

22/1840 – Simulated chick box liner - Salmonella Senftenberg (approx. 9,000 cfu each vial) - Positive – Group E
All labs correctly detected Salmonella other than Lab 2356 reporting Salmonella negative.
Many labs also correctly identified as serogroup E, serotype Senftenberg or not serogroup B, C and D.
Lab 1081 incorrectly identified the Salmonella as being serogroup D Enteritidis.

Participants in this distribution were from countries including Italy, Serbia, The Netherlands, Portugal, India, UK, Turkey, Canada, Belgium, Eire, Germany, USA, Greece, Cyprus, Madeira, Republic of Korea, Colombia, Malta, Ecuador, UAE, Brunei, Malaysia, France, Australia, and Saudi Arabia.



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