



## Proficiency testing for veterinary laboratories

Distribution Date: 04/08/2015

## Results tabulation for 12062/BA PT0088: Salmonella in poultry

Culture	15/1652		15/1653		15/1654		15/1655		15/1656	
	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	Interpretation (+ve/-ve/IC)	Salmonella Group/Type
Intended	Salmonella Typhimurium (approx 40,000 cfu per vial) + Pseudomonas aeruginosa		Escherichia coli + Pseudomonas aeruginosa		Serratia marcescens		Citrobacter youngae + Pseudomonas aeruginosa		Salmonella Infantis (approx 30,000 cfu per vial)	
	+ve	Group B	-ve	Negative	-ve	Negative	-ve	Negative	+ve	Group C
1002	+ve	Typhimurium	-ve		-ve		-ve		+ve	Infantis
1067	+ve	S. Typhimurium	-ve		-ve		-ve		+ve	S. Infantis
1076	+ve	S. typhi murium	-ve		-ve		-ve		+ve	S. infantis
1089	+ve		-ve		-ve		-ve		+ve	
1114	+ve	Group O:4 (B)	-ve		-ve		-ve		+ve	Group O:7 (C1)
1115	+ve	S. Typhimurium	-ve		-ve		-ve		+ve	S. Infantis
1121	+ve	S. Typhimurium	+ve	S. Typhimurium	-ve	not applicable	-ve	not applicable	-ve	not applicable
1125	+ve	S. TYPHIMURIUM	-ve		-ve		-ve		+ve	S. INFANTIS
1127	+ve	Group B	-ve		-ve		-ve		+ve	Group C1
1133	+ve	B (O4)	-ve		-ve		-ve		+ve	C (O6,7)
1143	+ve	Group B	-ve	Negative	-ve	Negative	-ve	Negative	+ve	Group C
1157	+ve	Salm. (Gp. B)	-ve		-ve		-ve		+ve	Salm. (Poly O)
1158	+ve	S. Typhimurium	-ve		-ve		-ve		+ve	S. Infantis
1198	+ve	Group B	-ve		-ve		-ve		+ve	Group C1
1217	+ve	O:4 (B)	-ve		-ve		-ve		+ve	O:7 (C1)
1228	+ve	Salmonella spp	-ve		-ve		-ve		+ve	Salmonella spp
1235	+ve		-ve		-ve		-ve		+ve	
1239	+ve	OMA +	-ve		-ve		+ve	OMC +	+ve	OMB +
1246	+ve	S. Typhimurium	-ve		-ve		-ve		+ve	S. Infantis
1318	+ve	B	-ve		-ve		-ve		+ve	C
1340	+ve	Group B	-ve		-ve		-ve		+ve	Group C
1349	+ve	salmonella spp	-ve	not salmonella	-ve	not salmonella	+ve	salmonella spp	+ve	salmonella spp
1351	-ve		+ve		+ve		+ve		+ve	
1382	+ve	S. Typhimurium	-ve		-ve		-ve		+ve	Poly O+ve
1387	+ve	Group B	-ve		-ve		-ve		+ve	Group C1
1423	+ve	Salmonella spp.	-ve		-ve		-ve		+ve	Salmonella spp.
1436	+ve	S.Typhimurium	-ve		-ve		-ve		+ve	S. Infantis
1487	+ve	B/S.Typhimurium	-ve		-ve		-ve		+ve	C
1521	+ve		-ve		-ve		-ve		+ve	
1559	+ve	S.Typhimurium	+ve	S. group F-67	-ve		-ve		+ve	S. Infantis
1626	+ve		-ve		-ve		-ve		+ve	
1647	+ve	S. Typhimurium	-ve		-ve		-ve		+ve	S. Infantis
1654	+ve	Group B	-ve	N/A	-ve	N/A	-ve	N/A	+ve	Group C
1669	+ve	S. Typhimurium	-ve		-ve		-ve		+ve	S. Infantis
1673	+ve		-ve		-ve		-ve		+ve	
1681	+ve	S. Typhimurium	-ve		-ve		-ve		+ve	S. Infantis
1685	+ve		-ve		-ve		-ve		+ve	
1696	+ve		-ve		-ve		-ve		+ve	
1700	+ve	S.Typhimurium	-ve		-ve		-ve		+ve	S. Infantis
1703	+ve	S. Typhimurium	-ve		-ve		-ve		+ve	S. Infantis
1733	+ve		-ve		-ve		-ve		+ve	

Culture	15/1652		15/1653		15/1654		15/1655		15/1656	
	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	Interpretation (+ve/-ve/IC)	Salmonella Group/Type
Intended	Salmonella Typhimurium (approx 40,000 cfu per vial) + Pseudomonas aeruginosa		Escherichia coli + Pseudomonas aeruginosa		Serratia marcescens		Citrobacter youngae + Pseudomonas aeruginosa		Salmonella Infantis (approx 30,000 cfu per vial)	
	+ve	Group B	-ve	Negative	-ve	Negative	-ve	Negative	+ve	Group C
1759	+ve	Salmonella sp.	-ve		-ve		-ve		+ve	Salmonella sp.
1766	+ve	S. Typhimurium	-ve		-ve		-ve	Citrobacter	+ve	S. Infantis
1770	+ve	S. typhimurium	-ve		-ve		-ve		+ve	group C
1853	+ve	S. Typhimurium	-ve		-ve		-ve		+ve	S. Infantis
1877	+ve		-ve		-ve		-ve		+ve	
1894	+ve	salmonella spp.	-ve		-ve		-ve		+ve	salmonella spp
1896	+ve		-ve		-ve		-ve		+ve	
1905	+ve	Salmonella I	-ve		-ve		-ve		+ve	Salmonella I
1944	+ve	B Typhimurium	-ve		-ve		-ve		+ve	C O7+
1947	+ve	B/ Thyphimurium	-ve		-ve		-ve		+ve	C1/Infantis
1980	+ve	B-S.Typhimurium	-ve		-ve		-ve		+ve	C1-S.Infantis
2011	+ve		-ve		-ve		-ve		+ve	
2053	+ve	Salmonella spp	-ve		-ve		-ve		+ve	Salmonella spp
2096	+ve		-ve		-ve		+ve		+ve	
2098	+ve	B Typhimurium	-ve	Not Salmonella	-ve	Not Salmonella	-ve	Not Salmonella	+ve	C Infantis
2111	+ve	Typimurium	-ve		-ve		-ve		+ve	Infantis
2112	Nil Return									
2131	+ve	S. Typhimurium	-ve	not detected	-ve	not detected	-ve	not detected	+ve	S. Infantis
2143	+ve	S. Typhimurium	-ve		-ve		-ve		+ve	S. Infantis
2146	+ve		-ve		-ve		-ve		+ve	
2158	+ve		+ve		-ve		-ve		+ve	
2167	+ve	S. Typhimurium	-ve		-ve		-ve		+ve	S. Infantis
2185	+ve	serogroup B	-ve		-ve		-ve		+ve	serogroup C
2204	+ve		-ve		-ve		-ve		+ve	
2212	+ve	Salm. spp.	-ve		-ve		-ve		+ve	Salm.spp
2229	+ve	S. Typhimurium	-ve		-ve		-ve		+ve	S. Infantis
2240	+ve		-ve		-ve		-ve		+ve	
2262	+ve	Thyphimurium	-ve		-ve		-ve		+ve	OMB
2274	+ve		-ve		-ve		-ve		+ve	
2356	+ve		-ve		-ve		-ve		+ve	
2386	+ve		-ve		-ve		-ve		+ve	
2412	+ve	S. Typhimurium	-ve		-ve		-ve		+ve	S. spp
2426	+ve		-ve		-ve		-ve		+ve	
2455	+ve		-ve		-ve		-ve		+ve	
2458	+ve	Salmonella spp.	-ve		-ve		-ve		+ve	Salmonella spp.
2472	+ve	S. Typhimurium	-ve		-ve		-ve		+ve	S. Infantis
2552	+ve		-ve		-ve		-ve		+ve	
2573	+ve		-ve		-ve		-ve		+ve	
2583	+ve	S.enterica Gp B	-ve		-ve		-ve		+ve	S enterica Gp C
2628	+ve	S. typhimurium	-ve		-ve		-ve		+ve	group C1/C2
2667	+ve	Salmonella spp	-ve	E.coli	-ve	negative	-ve	P.aeuroginasa	+ve	Salmonella spp.
2670	+ve	Group B	-ve		-ve		+ve	Salmonella	+ve	Salmonella
2726	+ve		-ve		-ve		-ve		+ve	
2762	+ve		-ve		-ve		-ve		+ve	
2823	+ve		-ve		-ve		-ve		+ve	
2904	+ve	typhimurium	+ve	typhimurium	-ve		+ve	typhimurium	+ve	infantis

Culture	15/1652		15/1653		15/1654		15/1655		15/1656	
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Intended	Salmonella Typhimurium (approx 40,000 cfu per vial) + Pseudomonas aeruginosa		Escherichia coli + Pseudomonas aeruginosa		Serratia marcescens		Citrobacter youngae + Pseudomonas aeruginosa		Salmonella Infantis (approx 30,000 cfu per vial)	
	+ve	Group B	-ve	Negative	-ve	Negative	-ve	Negative	+ve	Group C
2950	-ve		+ve	Serogrup C+	+ve	Serogrup B+, C+	+ve	Serogrup C+	+ve	Serogrup B+
3015	+ve		-ve		+ve		-ve		-ve	
3020	+ve	S. Typhimurium	-ve		-ve		-ve		+ve	S. Infantis
3043	+ve	B/S.Typhimurium	-ve		-ve		-ve		+ve	Group C

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

**Comments provided by Gordon Bennett, APHA Lasswade**

Sample 15/1652 - Intended - Positive, S. Typhimurium (Gp B) and Pseudomonas aeruginosa  
Laboratories 1351 and 2950 returned an incorrect negative result.  
All other laboratories returned the expected positive result.

Sample 15/1653 - Intended - Negative, E. coli and Pseudomonas aeruginosa  
Laboratories 1121, 1351, 1559, 2158, 2904 and 2950 returned an incorrect positive result.  
All other laboratories returned the expected negative result.

Sample 15/1654 - Intended - Negative, Serratia marcescens  
Laboratories 1351, 2950 and 3015 returned an incorrect positive result.  
All other laboratories returned the expected negative result.

Sample 15/1655 - Intended - Negative, Citrobacter youngae and Pseudomonas aeruginosa  
Laboratories 1239, 1349, 1351, 2096, 2670, 2904 and 2950 returned an incorrect positive result.  
All other laboratories returned the expected negative result.

Sample 15/1656 - Intended - Positive, Salmonella Infantis (Gp C)  
Laboratories 1121 and 3015 returned an incorrect negative result.  
All other laboratories returned the expected positive result.



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