



## Proficiency testing for veterinary laboratories

### Results tabulation for 13446/BA PT0088: Salmonella in poultry

Distribution Date: 07/08/2018

Culture	18/1733		18/1734		18/1735		18/1736		18/1737		
	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 (>100,000 cfu per vial) + Pseudomonas aeruginosa		Citrobacter youngae + Pseudomonas aeruginosa		Salmonella Infantis (>10,000 cfu per vial)		Escherichia coli + Pseudomonas aeruginosa		Salmonella Enteritidis (>10,000 cfu per vial)		
	+ve	Group B	-ve	Negative	+ve	Group C	-ve	Negative	+ve	Group D	
1002	+ve	Typhimurium	-ve		+ve	Infantis	-ve		+ve	Enteritidis	
1033	+ve	B/S.typhimurium	-ve		+ve	C/S.spp	-ve		+ve	D/S.enteritidis	
1067	+ve		-ve		+ve		-ve		+ve		
1089	+ve		-ve		+ve		-ve		+ve		
1114	+ve	S. Typhimurium	-ve		+ve	S. Infantis	-ve		+ve	S. Enteritidis	
1115	+ve		-ve		+ve		-ve		+ve		
1127	+ve	Group B	-ve		+ve	Group C1	-ve		+ve	Group D	
1133	+ve	Group B	-ve		+ve	Group C	-ve		+ve	Group D	
1143	+ve	Group B	-ve	Negative	+ve	Group C	-ve	Negative	+ve	Group D	
1157	+ve	Salm.(Gp.B)	-ve		+ve	Salm.(PolyO+R)	-ve		+ve	Salm.(Gp.D)	
1158	+ve	S. Typhimurium	-ve	-	+ve	S. Infantis	-ve	-	+ve	S. Enteritidis	
1188	+ve	GroupB	-ve		+ve	GroupC	-ve		+ve	GroupD	
1198	+ve	Group B	-ve		+ve	Group C1	-ve		+ve	Group D	
1217	+ve	O:4(B)	-ve		+ve	O:7(C1)	-ve		+ve	O:9(D1)	
1235	+ve		-ve		+ve		-ve		+ve		
1246	+ve		-ve		+ve		-ve		+ve		
1318	+ve	Group B	-ve	Negative	+ve	Group C	-ve	Negative	+ve	Group D	
1382	+ve	S. Typhimurium	-ve		+ve	Salmonella spp.	-ve		+ve	S. Enteritidis	
1387	+ve	B	-ve		+ve	C1	-ve		+ve	D	
1436	+ve	S.Typhimurium	-ve		+ve	S.Infantis	-ve		+ve	S.Enteritidis	
1521	+ve		-ve		+ve		-ve		+ve	Group D	
1559	+ve	S. Typhimurium	-ve		+ve	S. Infantis	-ve		+ve	S. Enteritidis	
1605	+ve	B/S.typhimurium	-ve		+ve	C/S. infantis	-ve		+ve	D/S.enteritidis	
1626	+ve		-ve		+ve		-ve		+ve		
1641	Nil Return										
1647	+ve	S.Typhimurium	-ve		+ve	S. Infantis	-ve		+ve	S. Enteritidis	
1648	+ve	GRUPO B	-ve		+ve	GRUPO C1	-ve		+ve	GRUPO D	
1654	+ve	Group B	-ve		+ve	Group C	-ve		+ve	Group D	
1669	+ve	S. Typhimurium	-ve		+ve	S. Infantis	-ve		+ve	S. Enteritidis	
1700	+ve	Salmonella spp	-ve	negative	+ve	salmonella spp.	-ve	negative	+ve	Salmonella spp.	
1703	+ve	S. Typhimurium	-ve		+ve	S. Infantis	-ve		+ve	S. Enteritidis	
1733	+ve		-ve		+ve		-ve		+ve		
1770	+ve	S. typhimurium	-ve		+ve	S. group C	-ve		+ve	S. enteritidis	
1812	+ve	Typhimurium	-ve		+ve	Infantis	-ve		+ve	Enteritidis	
1853	+ve	S. Typhimurium	-ve		+ve	S. Infantis	-ve		+ve	S. Enteritidis	
1877	+ve		-ve		+ve		-ve		+ve		
1884	+ve		-ve		+ve		-ve		+ve		
1894	+ve	salmonella spp.	-ve	citrobacter j	+ve	salmonella spp.	-ve	serratia od	+ve	salmonella spp.	
1896	+ve	S. Typhimurium	-ve		+ve	S. Infantis	-ve		+ve	S. Enteritidis	
1905	+ve		-ve		+ve		-ve		+ve		
1930	+ve		+ve		+ve		-ve		+ve		
1944	+ve	B -Typhimurium	-ve		+ve	Group C- 07	-ve		+ve		

Culture	18/1733		18/1734		18/1735		18/1736		18/1737	
	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 (>100,000 cfu per vial) + Pseudomonas aeruginosa		Citrobacter youngae + Pseudomonas aeruginosa		Salmonella Infantis (>10,000 cfu per vial)		Escherichia coli + Pseudomonas aeruginosa		Salmonella Enteritidis (>10,000 cfu per vial)	
	+ve	Group B	-ve	Negative	+ve	Group C	-ve	Negative	+ve	Group D
1947	+ve	S. Typhimurium	-ve	-	+ve	S. Infantis	-ve	-	+ve	S. Enteritidis
1980	+ve	S.Typhimurium	-ve		+ve	S.Infantis	-ve		+ve	S.Enteritidis
2011	+ve		-ve		+ve		-ve		+ve	
2053	+ve	Salmonella spp	-ve		+ve	Salmonella spp	-ve		+ve	Salmonella spp
2070	+ve		-ve		+ve		-ve		+ve	
2096	+ve		-ve		+ve		-ve		+ve	
2098	+ve	B / TYPHIMURIUM	-ve	NOT SALMONELLA	+ve	C / INFANTIS	-ve	NOT SALMONELLA	+ve	D / ENTERITIDIS
2111	+ve	Typhimurium	-ve		+ve	Infantis	-ve		+ve	Enteritidis
2112	+ve	B	-ve		+ve	C	-ve		+ve	D
2131	+ve	S. Typhimurium	-ve	not detected	+ve	S. Infantis	-ve	not detected	+ve	S. Enteritidis
2143	+ve	S. Typhimurium	-ve		+ve	S. Infantis	-ve		+ve	S. Enteritidis
2167	+ve	S. Typhimurium	-ve		+ve	S. Infantis	-ve		+ve	S. Enteritidis
2204	Nil Return									
2212	+ve	Salmonella spp.	-ve		+ve	Salmonella spp.	-ve		+ve	Salmonella spp.
2229	+ve	S. typhimurium	-ve		+ve	S. infantis	-ve		+ve	S. enteritidis
2240	+ve		-ve		+ve		-ve		+ve	
2262	+ve	THYPHIMURIUM	-ve		+ve	OMB	-ve		+ve	ENTERITIDIS
2274	+ve		-ve		+ve		-ve		+ve	
2356	+ve		-ve		+ve		-ve		+ve	
2386	+ve		-ve		+ve		-ve		+ve	
2426	+ve		-ve		+ve		-ve		+ve	
2472	+ve	S. Typhimurium	-ve		+ve	S. infantis	-ve		+ve	S. Enteritidis
2532	+ve	B/S.typhimurium	-ve		+ve		-ve		+ve	D/S.enteritidis
2552	+ve		-ve		+ve		-ve		+ve	
2573	+ve		-ve		+ve		-ve		+ve	
2578	+ve	Typhimurium	-ve	n/a	+ve	Infantis	-ve		+ve	Enteritidis
2670	+ve	Group B	+ve	Group B	+ve	Group C1	-ve		+ve	Group D1
2726	+ve	B	-ve		+ve	C	-ve		+ve	D
2755	+ve	B	-ve		+ve	C1,54	-ve		+ve	D
2762	+ve		-ve		+ve		-ve		+ve	
2897	+ve	Group B	-ve		+ve	Group D	-ve		+ve	Group C
2904	+ve	Typhimurium	-ve		+ve	Infantis	-ve		+ve	Enteritidis
2925	+ve	Group B	-ve		+ve	Group C1	-ve		+ve	Group D
3030	+ve	enterica G1	+ve	enterica G1	+ve	enterica G1	-ve		+ve	enterica G1

Intended results were determined using BPW into MSRV agar.

Comments provided by Michael Elliott, APHA Newcastle

With the exceptions below taken into account - All labs reported the results as expected, including serotypes (where noted), for samples 18/1733, 18/1734, 18/1735, 18/1736 and 18/1737.

Results not reported as expected for samples:

Lab 1930 incorrectly reported 18/1734 as positive.

Lab 2670 incorrectly reported 18/1734 as a positive.

Lab 2897 incorrectly reported 18/1735 as a group D and 18/1737 as group C. This could be a simple transcription error.

Lab 3030 incorrectly reported 18/1734 as positive. They also recorded all positive Salmonella isolated as group G1. So although they correctly isolated all three expected positive Salmonella, they incorrectly reported the serotype / group.

Labs 1641 and 2204 were Nil Returns.



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