



Proficiency testing for veterinary laboratories

Distribution Date: 06/11/2018

Results tabulation for 13564/BA PT0088: Salmonella in poultry

Culture	18/1942		18/1943		18/1944		18/1945		18/1946	
	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. 3000 cfu per vial) + Escherichia coli		Salmonella Typhimurium (approx. 100 cfu per vial)		Salmonella Infantis (approx. 100 cfu per vial)		Citrobacter youngae		Salmonella Enteritidis (approx. 500 cfu per vial) + Pseudomonas aeruginosa	
1002	+ve	Group B Typhimurium	+ve	Group B Typhimurium	+ve	Group C Infantis	-ve	Negative	+ve	Group D Enteritidis
1023	+ve	gruppo B	+ve	gruppo B	+ve	gruppo C1	-ve	Citrobacter	+ve	gruppo D1
1030	+ve	S. group B	+ve	S. Typhimurium	+ve	S.group C1	-ve		+ve	S. Enteritidis
1033	+ve	B/S.Typhimurium	+ve	B/S.Typhimurium	+ve	C/S.Spp	-ve	Citrobacter	+ve	D/S.Enteritidis
1056	+ve	B/Typhimurium	+ve	B/Typhimurium	+ve	C1 / Infantis	-ve	-	+ve	D1/Enteritidis
1067	+ve	S.Typhimurium	+ve	S.Typhimurium	+ve	S.Infantis	-ve		+ve	S.Enteritidis
1089	+ve		+ve		+ve		-ve		+ve	
1114	+ve	S. Typhimurium	+ve	S. Typhimurium	+ve	S. Infantis	-ve		+ve	S. Enteritidis
1115	+ve	Typhimurium	+ve	Typhimurium	+ve	Infantis	-ve		+ve	Enteritidis
1127	+ve	Group B	+ve	Group B	+ve	Group C1	-ve		+ve	Group D
1133	+ve	Group B	+ve	Group B	+ve	Group C (o6,7)	-ve		+ve	Group D
1143	+ve	Group B	+ve	Group B	+ve	Group C	-ve	Negative	+ve	Group D
1156	+ve		+ve		+ve		-ve		+ve	
1157	+ve	Salm.(Gp.B)	+ve	Salm.(Gp.B)	+ve	Salm.(Poly O)	-ve		+ve	Salm.(Gp.D)
1158	+ve	S. Typhimurium	+ve	S. Typhimurium	+ve	S. Infantis	-ve	-	+ve	S. Enteritidis
1161	+ve	GRUPPO B	+ve	GRUPPO B	+ve	GRUPPO C1	-ve	CITROBACTER	+ve	GRUPPO D1
1198	+ve	Group B	+ve	Group B	+ve	Group C1	-ve		+ve	Group D
1217	+ve	O:4(B)	+ve	O:4(B)	+ve	O:7(C1)	-ve		+ve	O:9(D1)
1218	+ve		+ve		+ve		-ve		+ve	
1235	+ve		+ve		+ve		-ve		+ve	
1239	+ve	O:4 (B)	+ve	O:4 (B)	+ve	O:7 (C1,C4)	-ve		+ve	O:9 (D1)
1246	+ve		+ve		+ve		-ve		+ve	
1261	+ve	B	+ve	B	+ve	C1	-ve	Citrobacter	+ve	D1
1318	+ve	Group: B	+ve	Group: B	+ve	Group: C	-ve	Negative	+ve	Group: D
1374	+ve	S. Typhimurium	+ve	S. Typhimurium	+ve	S. Infantis	-ve	Citrobacter	+ve	S. Enteritidis
1382	+ve	S. Typhimurium	+ve	S. Typhimurium	+ve	Salmonella spp.	-ve		+ve	S. Enteritidis
1387	+ve	B+	+ve	B+	+ve	C1+	-ve		+ve	D+
1436	+ve	S.Typhimurium	+ve	S.Typhimurium	+ve	S.Infantis	-ve		+ve	S.Enteritidis
1441	+ve	B	+ve	B	+ve	C	-ve	-	+ve	D
1521	+ve		+ve		+ve		-ve		+ve	Group D
1559	+ve	S.Typhimurium	+ve	S.Typhimurium	+ve	S. Infantis	-ve		+ve	S. Enteritidis
1605	+ve	S. Typhimurium	+ve	S. Typhimurium	+ve	S. Infantis	+ve	Salmonella spp.	+ve	S. Enteritidis
1626	+ve		+ve		+ve		-ve		+ve	
1641	+ve	B/S.Typhimurium	+ve	B/S.Typhimurium	+ve	C/S.Infantis	-ve		+ve	D/S.Enteritidis
1647	+ve	S. Typhimurium	+ve	S. Typhimurium	+ve	S. Infantis	-ve		+ve	S. Enteritidis
1648	+ve	GROUP B	+ve	GROUP B	+ve	GROUP C1	-ve		+ve	GROUP D
1654	+ve	Group B	+ve	Group B	+ve	Group C	-ve		+ve	Group D
1669	+ve	S. Typhimurium	+ve	S. Typhimurium	+ve	S. Infantis	-ve		+ve	S. Enteritidis
1685	+ve	Salmonella spp	+ve	Salmonella spp	+ve	Salmonella spp	-ve		+ve	Salmonella spp
1700	+ve	Typhimurium(B)	+ve	Typhimurium(B)	+ve	Infantis(C1)	-ve		+ve	Enteritidis(D1)

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Intended	Salmonella Typhimurium (approx. 3000 cfu per vial) + Escherichia coli		Salmonella Typhimurium (approx. 100 cfu per vial)		Salmonella Infantis (approx. 100 cfu per vial)		Citrobacter youngae		Salmonella Enteritidis (approx. 500 cfu per vial) + Pseudomonas aeruginosa	
	+ve	Group B	+ve	Group B	+ve	Group C	-ve	Negative	+ve	Group D
1708	+ve	S. Typhimurium	+ve	S. Typhimurium	+ve	S. Infantis	-ve		+ve	S. Enteritidis
1733	+ve		+ve		+ve		-ve		+ve	
1770	+ve	S. typhimurium	+ve	S. typhimurium	+ve	S. infantis	-ve		+ve	S. enteritidis
1812	+ve	B/Typhimurium	+ve	B/Typhimurium	+ve	C1/Infantis	-ve		+ve	D/Enteritidis
1853	+ve	S. Typhimurium	+ve	S. Typhimurium	+ve	S. Infantis	-ve		+ve	S. Enteritidis
1877	+ve	Salmonella sp.	+ve	Salmonella sp.	+ve	Salmonella sp.	-ve		+ve	Salmonella sp.
1884	+ve		+ve		+ve		-ve		+ve	
1894	+ve	salmonella spp.	+ve	salmonella spp.	+ve	salmonella spp.	-ve	citrobacter j	+ve	salmonella spp.
1896	+ve		+ve		+ve		-ve		+ve	
1905	+ve		+ve		+ve		-ve		+ve	
1944	+ve		+ve		+ve		-ve		+ve	
1947	+ve	S. Typhimurium	+ve	S. Typhimurium	+ve	S. Infantis	-ve		+ve	S. Enteritidis
1980	+ve	S. typhimurium	+ve	S. typhimurium	+ve	S: infantis	-ve		+ve	S. enteritidis
2011	+ve		+ve		+ve		-ve		+ve	
2021	+ve	B	+ve	B	+ve	C1	-ve		+ve	D1
2053	+ve	Salmonella spp	+ve	Salmonella spp	+ve	Salmonella spp	-ve		+ve	Salmonella spp
2090	Nil Return									
2096	+ve		+ve		+ve		-ve		+ve	
2098	+ve	B / Typhimurium	+ve	B / Typhimurium	+ve	C / Infantis	-ve	Not Salmonella	+ve	D / Enteritidis
2111	+ve	S. Typhimurium	+ve	S. Typhimurium	+ve	S. Infantis	-ve		+ve	S. Enteritidis
2112	+ve	B	-ve		-ve		-ve		+ve	D
2131	+ve	S. Typhimurium	+ve	S. Typhimurium	+ve	S. Infantis	-ve	not detected	+ve	S. Enteritidis
2143	+ve	S. Typhimurium	+ve	S. Typhimurium	+ve	S. Infantis	-ve		+ve	S. Enteritidis
2167	+ve	S. Typhimurium	+ve	S. Typhimurium	+ve	S. Infantis	-ve		+ve	S. Enteritidis
2204	+ve		+ve		-ve		+ve		+ve	
2212	+ve	Salmonella spp.	+ve	Salmonella spp.	+ve	Salmonella spp.	-ve		+ve	Salmonella spp.
2229	+ve	S. Typhimurium	+ve	S. Typhimurium	+ve	S. Infantis	-ve		+ve	S. Enteritidis
2231	+ve	B	+ve	B	+ve	C	-ve		+ve	D
2240	+ve		+ve		+ve		-ve		+ve	
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	S. Tphymurium	+ve	S. Infantis	-ve		+ve	S. Enteritidis
2532	+ve	B/S.typhimurium	+ve	B/S.typhimurium	+ve		-ve		+ve	D/S.enteritidis
2552	+ve		+ve		+ve		-ve		+ve	
2570	+ve	OMA+	+ve	OMA+	+ve	OMB+	-ve	C.youngae	+ve	OMA+
2573	+ve		+ve		+ve		+ve		+ve	
2578	+ve	Typhimurium	+ve	Typhimurium	+ve	Infantis	-ve	n/a	+ve	Enteritidis
2620	+ve		+ve		+ve		-ve		+ve	
2659	+ve		+ve		+ve		-ve		+ve	
2670	+ve	Group B	+ve	Group B	+ve	Group C1	-ve		+ve	Group D1
2726	+ve	B	+ve	B	+ve	C	-ve		+ve	D
2755	+ve	Typhimurium	+ve	Typhimurium	+ve	C1,54	-ve		+ve	Enteritidis
2762	+ve		+ve		+ve		-ve		+ve	
2872	+ve		+ve		-ve		-ve		-ve	
2897	Nil Return									

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	+ve	Group B	+ve	Group B	+ve	Group C	-ve	Negative	+ve	Group D
2904	+ve	Typhimurium	+ve	Typhimurium	+ve	Infantis	-ve		+ve	Enteritidis
2907	+ve	Group B	+ve	Group B	+ve	Group C	+ve	Group C	+ve	Group D
2925	+ve	Group B	+ve	Group B	+ve	Grupo C1	-ve		+ve	Group D
2950	+ve	B/Typhimurium	+ve	B/Typhimurium	+ve	C/Infantis	+ve	Group C1/OMB	+ve	D/Enteritidis
3015	+ve		+ve		+ve		+ve		+ve	
3030	+ve	Enterica (G I)	+ve	Enterica (G I)	+ve	Enterica (G I)	-ve		+ve	
3098	+ve		+ve		+ve		-ve		+ve	

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.

Results not reported as expected:

Lab 1605 Incorrectly reported sample 18/1945 as Positive.

Lab 2112 Incorrectly reported samples 18/1943 and 18/1944 as Negative.
N.B. These 2 samples contained lower levels of Salmonella compared to the other positive samples.

Lab 2204 Incorrectly reported sample 18/1944 as Negative and 18/1945 as Positive.

Lab 2573 Incorrectly reported sample 18/1945 as Positive.

Lab 2872 Incorrectly reported samples 18/1944 and 18/1946 as Negative.

Lab 2907 Incorrectly reported sample 18/1945 as Positive; possibly due to cross-contamination from previous Group C sample 18/1944.

Lab 2950 Incorrectly reported sample 18/1945 as Positive.

Lab 3015 Incorrectly reported sample 18/1945 as Positive.

Labs 2090 and 2897 were Nil Returns.



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