



Proficiency testing for veterinary laboratories

Results tabulation for 11403/BA PT0088: Salmonella in poultry

Distribution Date: 04/02/2014

Culture	14/1149		14/1150		14/1151		14/1152		14/1153	
	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	Klebsiella pneumoniae		Citrobacter youngae		Salmonella Typhimurium + Citrobacter youngae		Salmonella Enteritidis + E. coli		Salmonella Typhimurium + Citrobacter youngae	
	-ve		-ve		+ve	Group B	+ve	Group D	+ve	Group B
1002	-ve		-ve		+ve	Typhimurium	+ve	Enteritidis	+ve	Typhimurium
1030	Nil Return									
1076	-ve		-ve		+ve	B S.typhimurium	+ve	D S.enteritidis	+ve	B S.typhimurium
1089	-ve		-ve		+ve		+ve		+ve	
1114	-ve		-ve		+ve	Group O:4(B)	+ve	Group O:9(D1)	+ve	Group O:4(B)
1115	-ve		-ve		+ve	S. Typhimurium	+ve	S. Enteritidis	+ve	S. Typhimurium
1125	-ve		-ve		+ve	S. typhimurium	+ve	S. enteritidis	+ve	S. typhimurium
1127	-ve		-ve		+ve	Group B	+ve	Group D	+ve	Group B
1133	-ve		-ve		+ve	B	+ve	D	+ve	B
1143	-ve	Negative	-ve	Negative	+ve	Group B	+ve	Group D	+ve	Group B
1157	-ve		-ve		+ve	(Gp.B) & other	+ve	Salm. (Gp.D)	+ve	Salm. (Gp.B)
1158	-ve	-	-ve	-	+ve	S. Typhimurium	+ve	S. Enteritidis	+ve	S. Typhimurium
1190	-ve		-ve		+ve		+ve		+ve	
1198	-ve		-ve		+ve	Group B	+ve	Group D	+ve	Group B
1217	-ve		-ve		+ve	O:4 (B)	+ve	O:9 (D1)	+ve	O:4 (B)
1218	-ve		-ve		+ve		+ve		+ve	
1220	Nil Return									
1235	Nil Return									
1246	-ve		-ve		+ve	S. Typhimurium	+ve	S. Enteritidis	+ve	S. Typhimurium
1248	-ve		-ve		+ve	S. Typhimurium	+ve	S. Enteritidis	+ve	S. Typhimurium
1318	-ve		-ve		+ve	Group B	+ve	Group D	+ve	Group B
1340	-ve		-ve		+ve	B	+ve	C+D	-ve	
1349	-ve		-ve		+ve	S.kentucky	+ve	S.enteritidis	+ve	S.typhimurium
1382	-ve		-ve		+ve	S.Typhimurium	+ve	S. Enteritidis	+ve	S. Typhimurium
1387	-ve		-ve		+ve	Group B	+ve	Group D	+ve	Group B
1422	-ve	Negative	-ve	Negative	+ve	Salmonella Gr.B	+ve	Salmonella Gr.D	+ve	Salmonella Gr.B
1436	-ve		-ve		+ve	S. Typhimurium	+ve	S. Enteritidis	+ve	S. Typhimurium
1480	-ve		-ve		+ve	Typhimurium	+ve	Enteritidis	+ve	Typhimurium
1491	-ve		-ve		+ve		+ve		+ve	
1495	-ve		-ve		+ve	S. Typhimurium	+ve	S. Enteritidis	+ve	S. Typhimurium
1521	-ve		-ve		+ve		+ve		+ve	
1559	-ve		-ve		+ve	S. Typhimurium	+ve	S. group D	+ve	S. Typhimurium
1597	-ve	-	-ve	-	+ve	-	+ve	-	+ve	-
1626	-ve		-ve		+ve		+ve		+ve	
1638	-ve	not salmonella	-ve	not salmonella	-ve	not salmonella	+ve	Salmonella spp	+ve	
1647	-ve		-ve		+ve	S. Typhimurium	+ve	S. Enteritidis	+ve	S. Typhimurium
1654	-ve	N/A	-ve	N/A	+ve	Group B	+ve	Group D	+ve	Group B
1673	Nil Return									
1681	-ve		-ve		+ve		+ve		+ve	
1685	-ve		-ve		+ve		+ve		+ve	
1696	-ve		+ve		+ve		+ve		+ve	
1700		NEGATIVO		NEGATIVO		S.Typhimurium		S.Enteritidis		S.Typhimurium
1715	-ve		-ve		+ve		+ve		+ve	

Culture	14/1149		14/1150		14/1151		14/1152		14/1153	
	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	Klebsiella pneumoniae		Citrobacter youngae		Salmonella Typhimurium + Citrobacter youngae		Salmonella Enteritidis + E. coli		Salmonella Typhimurium + Citrobacter youngae	
	-ve		-ve		+ve	Group B	+ve	Group D	+ve	Group B
1733	-ve		-ve		+ve		+ve		+ve	
1770	-ve		-ve		+ve	S. typhimurium	+ve	S. enteritidis	+ve	S. typhimurium
1812	-ve		-ve		+ve	B/Typhimurium	+ve	D/Enteritidis	+ve	B/Typhimurium
1853	-ve		-ve		+ve	S. Typhimurium	+ve	S. Enteritidis	+ve	S. Typhimurium
1877	-ve		-ve		+ve		+ve		+ve	
1882	-ve	-	-ve	-	+ve	S.Typhimurium	+ve	S.Enteritidis	+ve	S.Typhimurium
1889	-ve		-ve		+ve		+ve		+ve	
1894	-ve		-ve		+ve	salmonella spp.	+ve	salmonella spp.	+ve	salmonella spp.
1944	-ve		-ve		+ve	B/S.Typhimurium	+ve	D/S.Enteritidis	+ve	B/S.Typhimurium
1947	-ve		-ve		+ve	S. Typhimurium	+ve	S. Enteritidis	+ve	S. Typhimurium
1977	-ve		-ve		+ve	Group B	+ve	Group D	+ve	Group B
1980	-ve		-ve		+ve	S. Typhimurium	+ve	S. Enteritidis	+ve	S. Typhimurium
2011	-ve		-ve		+ve		+ve		+ve	
2053	-ve		-ve		+ve	Salmonella spp.	+ve	Salmonella spp.	+ve	Salmonella spp.
2072	IC		IC		-ve		+ve		-ve	
2096	-ve		-ve		+ve		+ve		+ve	
2098	-ve	Not Salmonella	-ve	Not Salmonella	+ve	S. Typhimurium	+ve	S. Typhimurium	+ve	S. Enteritidis
2111	-ve		-ve		+ve	typhimurium mf	+ve	enteritidis	+ve	typhimurium mf
2131	-ve	Not detected	-ve	Not detected	+ve	S. Typhimurium	+ve	S. Enteritidis	+ve	S. Typhimurium
2143	-ve		-ve		+ve	S. Typhimurium	+ve	S. Enteritidis	+ve	S. Typhimurium
2158	-ve		-ve		+ve		+ve		+ve	
2167	-ve	-	-ve	-	+ve	S.Typhimurium	+ve	S. Enteritidis	+ve	S. Typhimurium
2173	-ve		-ve		+ve		+ve		+ve	
2204	-ve		-ve		+ve		+ve		+ve	
2212	-ve		-ve		+ve	salmonella spp.	+ve	salmonella spp.	+ve	salmonella spp.
2229	-ve		-ve		+ve	S. Typhimurium	+ve	S. Enteritidis	+ve	S. Typhimurium
2240	-ve		-ve		+ve		+ve		+ve	
2258	-ve		-ve		+ve		+ve		+ve	
2274	-ve		-ve		+ve		+ve		+ve	
2326	-ve		-ve		+ve		+ve		+ve	
2356	-ve		-ve		+ve		+ve		+ve	
2369	-ve		-ve		+ve	B/Typhimurium	+ve	D/Enteritidis	+ve	B/Typhimurium
2386	-ve		-ve		+ve		+ve		+ve	
2412	-ve		-ve		+ve	S. Typhimurium	+ve	S. Enteritidis	+ve	S. Typhimurium
2426	-ve		-ve		+ve		+ve		+ve	
2455	-ve		-ve		+ve		+ve		+ve	
2458	Nil Return									
2472	-ve		-ve		+ve	S. typhimurium	+ve	Group B	+ve	S. typhimurium
2508	-ve		-ve		+ve	Salmonella spp.	+ve	Salmonella spp.	+ve	Salmonella spp.
2552	-ve		-ve		+ve		+ve		+ve	
2554	+ve	Salmonella spp	+ve	Salmonella spp	+ve	Salmonella spp	+ve	Salmonella spp	+ve	Salmonella spp
2570	-ve	K.pneumoniae	-ve	C.youngae	+ve	Salmonella/GB	+ve	Salmonella/GD	+ve	Salmonella/GB
2573	-ve		-ve		+ve		+ve		+ve	
2667	-ve	negative	-ve	C.youngae	+ve	salmonella spp	+ve	salmonella spp	+ve	salmonella spp
2670	-ve		-ve		+ve	Group B	+ve	Group D1	+ve	Group B
2726	-ve		-ve		+ve		+ve		+ve	
2755	+ve	D	+ve	B	+ve	B	+ve	D	+ve	B
2762	-ve		-ve		+ve		+ve		+ve	
2779	-ve		-ve		+ve	(gr.A,B,C,D,E)	+ve	(gr.A,B,C,D,E)	+ve	(gr.A,B,C,D,E)

Culture	14/1149		14/1150		14/1151		14/1152		14/1153	
	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	Klebsiella pneumoniae		Citrobacter youngae		Salmonella Typhimurium + Citrobacter youngae		Salmonella Enteritidis + E. coli		Salmonella Typhimurium + Citrobacter youngae	
	-ve		-ve		+ve	Group B	+ve	Group D	+ve	Group B
2823	-ve		-ve		+ve		+ve		+ve	
3015	-ve		-ve		+ve		+ve		+ve	

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

Sample 14/1151 = 14/1153

Comments provided by Gordon Bennett, AHVLA Lasswade

Sample 14/1149 - Intended result - Negative - Klebsiella pneumoniae:
 Laboratory 2554 returned a positive Salmonella spp. result.
 Laboratory 2755 returned a positive Group D result.
 All other participating laboratories returned the expected results.

Sample 14/1150 - Intended result - Negative - Citrobacter youngae:
 Laboratory 1696 returned a positive result.
 Laboratory 2554 returned a positive Salmonella spp. result.
 Laboratory 2755 returned a positive Group B result.
 All other participating laboratories returned the expected results.

Sample 14/1151 - Intended result - Positive - Salmonella Typhimurium & Citrobacter youngae:
 Laboratory 1349 correctly returned a positive result however incorrectly typed the isolate as Salmonella Kentucky.
 Laboratories 1638 and 2072 returned a negative result.
 All other participating laboratories returned the expected results.

Sample 14/1152 - Intended result - Positive - Salmonella Enteritidis & E. Coli:
 Laboratory 2098 correctly returned a positive result however incorrectly typed the isolate as Salmonella Typhimurium.
 Laboratory 2472 correctly returned a positive result however incorrectly grouped the isolate as Group B.
 All other participating laboratories returned expected results.

Sample 14/1153 - Intended result - Positive - Salmonella Typhimurium & Citrobacter youngae:
 Laboratories 1340 and 2072 returned negative results.
 Laboratory 1638 correctly returned a positive result however incorrectly reported the isolate as being Salmonella choleraesuis (enterica) subsp. arizonae in their comments.
 Laboratory 2098 correctly returned a positive result however incorrectly typed the isolate as Salmonella Enteritidis.
 All other participating laboratories returned the expected results.

Laboratories 1030, 1220, 1235, 1673 and 2458 gave a Nil Return.



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