



Proficiency testing for veterinary laboratories

Results tabulation for 12842/BA PT0088: Salmonella in poultry

Distribution Date: 02/05/2017

Culture	17/1347		17/1348		17/1349		17/1350		17/1351	
	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 Tennessee (approx. 4000 cfu per vial)		Salmonella Typhimurium (approx. 300 cfu per vial)		Citrobacter youngae + Pseudomonas aeruginosa		Salmonella Enteritidis (approx. 2000 cfu per vial) + Pseudomonas aeruginosa		Salmonella Typhimurium (approx. 200 cfu per vial) + Pseudomonas aeruginosa	
	+ve	Group C	+ve	Group B	-ve	Negative	+ve	Group D	+ve	Group B
1002	+ve	C1:6,7	+ve	Lagos	-ve		+ve	Enteritidis	+ve	Typhimurium
1030	+ve	C1	+ve	S. typhimurium	-ve		+ve	S. enteritidis	+ve	S. typhimurium
1056	+ve	C1	+ve	B/Typhimurium	-ve		+ve	D1/Enteritidis	+ve	B/Typhimurium
1067	+ve	S. Tennessee	+ve	S. Typhimurium	-ve		+ve	S. Enteritidis	+ve	S. Typhimurium
1095	+ve		+ve		-ve		+ve		+ve	
1097	+ve		+ve		-ve		+ve		+ve	
1114	+ve	S. Tennessee	+ve	S. Typhimurium	-ve		+ve	S. Enteritidis	+ve	S. Typhimurium
1115	+ve	S. Tennessee	+ve	S. Typhimurium	-ve		+ve	S. Enteritidis	+ve	S. Typhimurium
1127	+ve	Group C1	+ve	Group B	-ve		+ve	Group D	+ve	Group B
1133	+ve	C	+ve	B	-ve		+ve	D	+ve	B
1143	+ve	Group C	+ve	Group B	-ve	Negative	+ve	Group D	+ve	Group B
1157	+ve	Salm. (Poly O)	+ve	Salm. (Gp.B)	-ve		+ve	Salm. (Gp.D)	+ve	Salm. (Gp.B)
1158	+ve	S. Tennessee	+ve	S. Typhimurium	-ve	-	+ve	S. Enteritidis	+ve	S. Typhimurium
1198	+ve	C1	+ve	B	-ve		+ve	D	+ve	B
1217	+ve	O:7(C1)	+ve	O:4(B)	-ve		+ve	O:9(D1)	+ve	O:4(B)
1228	+ve		+ve		-ve		+ve		+ve	
1235	+ve		+ve		-ve		+ve		+ve	
1246	+ve	S. Tennessee	+ve	S. Typhimurium	-ve		+ve	S. Enteritidis	+ve	S. Gloucester
1250	+ve	S.Tennessee	+ve	S. Typhimurium	-ve	/	+ve	S. Enteritidis	+ve	S. Typhimurium
1297	+ve	Salmonella spp.	+ve	Salmonella spp.	-ve	Negative	+ve	Salmonella spp.	+ve	Salmonella spp.
1318	+ve	Group C	+ve	Group B	-ve		+ve	Group D	+ve	Group B
1374	+ve	Group C	+ve	Group B	-ve		+ve	Group D	+ve	Group B
1382	+ve	Salmonella spp.	+ve	S. Typhimurium	-ve		+ve	S. Enteritidis	+ve	S. Typhimurium
1387	+ve	C1	+ve	B	-ve		+ve	D	+ve	B
1436	+ve	S.Tennessee	+ve	S.Typhimurium	-ve		+ve	S.Enteritidis	+ve	S.Typhimurium
1487	+ve	C	+ve	B/S.Typhimurium	-ve		+ve	D/S.Enteritidis	+ve	B/S.Typhimurium
1521	+ve		+ve		-ve		+ve	Gp D +ve	+ve	
1559	+ve	Salm. group C	+ve	S.Typhimurium	-ve		+ve	S. Enteritidis	+ve	S.Typhimurium
1614	+ve	not serotyped	+ve	not serotyped	-ve		+ve	not serotyped	+ve	not serotyped
1626	+ve		+ve		-ve		+ve		+ve	
1638	+ve		+ve		-ve		+ve		+ve	
1654	+ve	Group C	+ve	Group B	-ve		+ve	Group D	+ve	Group B
1669	+ve	S. Tennessee	+ve	S. Typhimurium	-ve		+ve	S. Enteritidis	+ve	S. Typhimurium
1674	+ve	S. Tennessee	+ve	S. Typhimurium	-ve		+ve	S. Enteritidis	+ve	S. Typhimurium
1700		salmonella spp.		salmonella spp.		negativo		salmonella spp.		salmonella spp.
1714	+ve	S. Tennessee	+ve	S. Typhimurium	-ve		+ve	S. Enteritidis	+ve	S. Typhimurium
1733	+ve		+ve		-ve		+ve		+ve	
1759	+ve	Salmonella spp.	+ve	Salmonella spp.	-ve	Citrobacter	+ve	Salmonella spp.	+ve	Salmonella spp.
1770	+ve	Salmonella spp.	+ve	S. typhimurium	-ve	C. youngae	+ve	S. enteritidis	+ve	S. typhimurium

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Intended	Salmonella Tennessee (approx. 4000 cfu per vial)		Salmonella Typhimurium (approx. 300 cfu per vial)		Citrobacter youngae + Pseudomonas aeruginosa		Salmonella Enteritidis (approx. 2000 cfu per vial) + Pseudomonas aeruginosa		Salmonella Typhimurium (approx. 200 cfu per vial) + Pseudomonas aeruginosa	
	+ve	Group C	+ve	Group B	-ve	Negative	+ve	Group D	+ve	Group B
1798	+ve	C1	+ve	B/i,	-ve		+ve	S. enteritidis	+ve	S. typhimurium
1877	+ve		+ve		-ve		+ve		+ve	
1884	+ve		+ve		-ve		+ve		+ve	
1894	+ve	s.tennessee	+ve	s.typhimurium	-ve	citrobacter y	+ve	s.enteritidis	+ve	s.typhimurium
1896	+ve		+ve		-ve		+ve		+ve	
1905	+ve	Salmonella sp.	+ve	Salmonella sp.	-ve		+ve	Salmonella sp.	+ve	Salmonella sp.
1913	+ve	S.spp	+ve	S. Typhimurium	-ve		+ve	S.enteritidis	+ve	S.typhimurium
1944	+ve		+ve	B Typhimurium	-ve		+ve	D Enteritidis	+ve	B Typhimurium
1947	+ve	C/External	+ve	B/Typhimurium	-ve		+ve	D/Enteritidis	+ve	B/Typhimurium
1977	+ve	C / Tennessee	+ve	B / Typhimurium	-ve	Citrobacter	+ve	D / Enteritidis	+ve	B / Typhimurium
1980	+ve	S.Tennessee	+ve	S. Typhimurium	-ve		+ve	S. Enteritidis	+ve	S. Typhimurium
1992	+ve	C	+ve	B	-ve		+ve	D	+ve	B
2011	+ve		+ve		-ve		+ve		+ve	
2053	+ve	Salmonella spp	+ve	Salmonella spp	-ve		+ve	Salmonella spp	+ve	Salmonella spp
2062	+ve		+ve		-ve		+ve		+ve	
2090	+ve	Salmonella spp.	+ve	Salmonella spp.	-ve		+ve	Salmonella spp.	+ve	Salmonella spp.
2098	+ve	C Tennessee	+ve	B Typhimurium	-ve	Not Salmonella	+ve	D Enteritidis	+ve	B Typhimurium
2111	+ve	Group C	+ve	Typhimurium	-ve		+ve	Enteritidis	+ve	Typhimurium
2112	+ve	C	+ve	B	-ve		+ve	D	+ve	B
2131	+ve	Group C1; O-6,7	+ve	S. typhimurium	-ve	not detected	+ve	S. enteritidis	+ve	S. typhimurium
2143	+ve	S. Tennessee	+ve	S. Typhimurium	-ve		+ve	S. Enteritidis	+ve	S. Typhimurium
2151	+ve	Salmonella spp	+ve	Salmonella spp	-ve		+ve	Salmonella spp	+ve	Salmonella spp
2167	+ve	S. Tennessee	-ve		+ve	S. Typhimurium	+ve	S. Enteritidis	+ve	S. Typhimurium
2173	+ve		+ve		-ve		+ve		+ve	
2186	+ve	Group C	+ve	Group B	-ve		+ve	Group D	+ve	Group B
2204	+ve		+ve		-ve		+ve		+ve	
2212	+ve		+ve		-ve		+ve		+ve	
2229	+ve	Other	+ve	S. Typhimurium	-ve		+ve	S. Enteritidis	+ve	S. Typhimurium
2240	+ve		+ve		-ve		+ve		+ve	
2266	+ve		+ve		+ve		+ve		+ve	
2274	+ve		+ve		-ve		+ve		+ve	
2292	+ve	S. Hadar	+ve	S. Typhimurium	-ve		+ve	S. Enteritidis	+ve	S. Enteritidis
2386	+ve		+ve		-ve		+ve		+ve	
2426	+ve		+ve		-ve		+ve		+ve	
2441	+ve		+ve		-ve		+ve		+ve	
2459	+ve	OMB	+ve	O4	-ve		+ve	O9	+ve	O4
2508	+ve	Salmonella spp.	+ve	Salmonella spp.	-ve		+ve	Salmonella spp.	+ve	Salmonella spp.
2529	+ve		+ve		-ve		+ve		+ve	
2552	+ve		+ve		-ve		+ve		+ve	
2573	+ve		+ve		-ve		+ve		+ve	
2578	+ve	Group C	+ve	Typhimurium	-ve		+ve	Enteritidis	+ve	Typhimurium
2626	+ve		+ve		-ve		+ve		+ve	
2636	+ve		+ve		-ve		+ve		+ve	
2670	+ve	Salmonella C1	+ve	Salmonella B	-ve		+ve	Salmonella D1	+ve	Salmonella B
2753	+ve		+ve		-ve		+ve		+ve	
2762	+ve		+ve		-ve		+ve		+ve	
2816	+ve		+ve		-ve		+ve		+ve	

Culture	17/1347		17/1348		17/1349		17/1350		17/1351	
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Intended	Salmonella Tennessee (approx. 4000 cfu per vial)		Salmonella Typhimurium (approx. 300 cfu per vial)		Citrobacter youngae + Pseudomonas aeruginosa		Salmonella Enteritidis (approx. 2000 cfu per vial) + Pseudomonas aeruginosa		Salmonella Typhimurium (approx. 200 cfu per vial) + Pseudomonas aeruginosa	
	+ve	Group C	+ve	Group B	-ve	Negative	+ve	Group D	+ve	Group B
2823	+ve		+ve		-ve		+ve		+ve	
2886	+ve		+ve		-ve		+ve		+ve	
2897	+ve	C	+ve	B	-ve		+ve	D	+ve	B
2904	Nil Return									
2907	+ve	Group C	+ve	Group B	-ve	Negative	+ve	Group B	+ve	Group D
2925	+ve	Group C1	+ve	Group B	-ve		+ve	Group D	+ve	Group B
2926	+ve		+ve		-ve		+ve		+ve	
2930	+ve		+ve		-ve		+ve		+ve	
2959	+ve		+ve		+ve		+ve		+ve	
3002	+ve		+ve		-ve		+ve		+ve	
3015	+ve		+ve		-ve		+ve		+ve	
3020	+ve	Group C	+ve	S. Typhimurium	-ve		+ve	S. Enteritidis	+ve	S. Typhimurium
3061	+ve	Salmonella spp	+ve	Salmonella spp	-ve		+ve	Salmonella	+ve	Salmonella spp
3076	+ve	Salmonella spp	+ve	Salmonella spp	-ve		+ve	Salmonella spp	+ve	Salmonella spp
3081	+ve	Salmonella spp	+ve	Salmonella spp	-ve		+ve	Salmonella spp	+ve	Salmonella spp
3086	+ve		+ve	S. typhimurium	-ve		+ve	S. enteritidis	+ve	S. typhimurium
3134	+ve	Salmonella spp	+ve	Salmonella spp	-ve		+ve	Salmonella spp	+ve	Salmonella spp
3154	+ve	Salmonella sp.	+ve	S. Typhimurium	-ve		+ve	S. Enteritidis	+ve	S. Typhimurium

Intended results were determined using BPW into MSRV agar.

Comments provided by Gordon Bennett, APHA Lasswade

Sample 17/1347 - Intended - Positive, S. Tennessee (Group C)

All laboratories returned the expected positive result.

Laboratory 2292 incorrectly serotyped the isolate as S. Hadar.

All other laboratories that serogrouped or full serotyped the isolate were also correct.

Sample 17/1348 - Intended - Positive, S. Typhimurium (Group B)

Laboratory 2167 incorrectly returned a negative result.

All other laboratories returned the expected positive result.

Laboratory 1002 incorrectly serotyped the isolate as S. Lagos.

All other laboratories that serogrouped or fully serotyped the isolate were correct.

Sample 17/1349 - Intended - Negative, Citrobacter youngae + Pseudomonas aeruginosa

Laboratory 2167 incorrectly returned a positive result and serotyped it as S. Typhimurium.

Laboratories 2266 and 2959 incorrectly returned a positive result.

All other laboratories returned the expected negative result.

Sample 17/1350 - Intended - Positive, S. Enteritidis (Group D) + Pseudomonas aeruginosa

All laboratories returned the expected positive result.

Laboratory 2907 incorrectly serogrouped the isolate to Group B.

All other laboratories that serogrouped or fully serotyped the isolate were correct.

Sample 17/1351 - Intended - Positive, S. Typhimurium (Group B) + Pseudomonas aeruginosa

All laboratories returned the expected positive result.

Laboratory 1246 incorrectly serotyped the isolate as S. Gloucester.

Laboratory 2292 incorrectly serotyped the isolate as S. Enteritidis.

Laboratory 2907 incorrectly serogrouped the isolate to Group D.

All other laboratories that serogrouped or fully serotyped the isolate were correct.



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