



Proficiency testing for veterinary laboratories

Results tabulation for 13104/BA PT0088: Salmonella in poultry

Distribution Date: 07/11/2017

Culture	17/1794		17/1795		17/1796		17/1797		17/1798	
	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. 20,000 cfu per vial) + Pseudomonas aeruginosa		Salmonella Typhimurium (approx. 33,000 cfu per vial) + Escherichia coli		Salmonella Enteritidis (approx. 400 cfu per vial) + Pseudomonas aeruginosa		Citrobacter youngae + Pseudomonas aeruginosa		Citrobacter youngae	
	+ve	Group B	+ve	Group B	+ve	Group D	-ve	Negative	-ve	Negative
1002	+ve	Typhimurium	+ve	Agama	+ve	Enteritidis	-ve		-ve	
1056	+ve	B/Typhimurium	+ve	B/Typhimurium	+ve	D/Enteritidis	-ve		-ve	
1067	+ve	S. Typhimurium	+ve	S. Typhimurium	+ve	S. Enteritidis	-ve		-ve	
1089	+ve		+ve		+ve		-ve		-ve	
1114	+ve	S. Typhimurium	+ve	S. Typhimurium	+ve	S. Enteritidis	-ve		-ve	
1115	+ve	S. Typhimurium	+ve	S. Typhimurium	+ve	S. Enteritidis	-ve		-ve	
1121	+ve	S. Typhimurium	+ve	S. Typhimurium	+ve	S. Enteritidis	-ve		-ve	
1125	+ve	GROUP B	+ve	GROUP B	+ve	GROUP D	-ve		-ve	
1127	+ve	Group B	+ve	Group B	+ve	Group D	-ve		-ve	
1133	+ve	04	+ve	04	+ve	09	-ve		-ve	
1143	+ve	Group B	+ve	Group B	+ve	Group D	-ve	Negative	-ve	Negative
1156	+ve		+ve		+ve		-ve		-ve	
1157	+ve	Salm. (Gp.B)	+ve	Salm. (Gp.B)	+ve	Salm. (Gp.D)	-ve		-ve	
1158	+ve	S. Typhimurium	+ve	S. Typhimurium	+ve	S. Enneritidis	-ve		-ve	
1188	+ve	Group B	-ve		+ve	Group D1	-ve		-ve	
1190	+ve		+ve		+ve		-ve		-ve	
1198	+ve	Group B	+ve	Group B	+ve	Group D	-ve		-ve	
1217	+ve	O:4(B)	+ve	O:4(B)	+ve	O:9(D1)	-ve		-ve	
1218	+ve		+ve		+ve		-ve		-ve	
1235	-ve		+ve		+ve		-ve		-ve	
1246	Nil Return									
1318	+ve	Group B	+ve	Group B	+ve	Group D	-ve	NEGATIVE	-ve	NEGATIVE
1374	+ve	Group B	+ve	Group B	+ve	Group D	-ve	Not Salmonella	-ve	Citrobacter
1382	+ve	S. Typhimurium	+ve	S. Typhimurium	+ve	S. Enteritidis	-ve		-ve	
1387	+ve	B	+ve	B	+ve	D	-ve		-ve	
1436	+ve	S.Typhimurium	+ve	S.T.monofasisch	+ve	S.Enteritidis	-ve		-ve	
1487	+ve	B/S.Typhimurium	+ve	B/S.Typhimurium	+ve	D/S.Enteritidis	-ve		-ve	
1521	+ve		+ve		+ve	Group D	-ve		-ve	
1559	+ve	S.Typhimurium	+ve	S.Typhimurium	+ve	S.Enteritidis	-ve		-ve	
1626	+ve		+ve		+ve		-ve		-ve	
1647	+ve	ext serotyping	+ve	S. Typhimurium	+ve	S. Enteritidis	-ve		-ve	
1654	+ve	Group B	+ve	Group B	+ve	Group D	-ve	N/A	-ve	N/A
1669	+ve	S. Typhimurium	+ve	S. Typhimurium	+ve	S. Enteritidis	-ve		-ve	
1700		positivo		positivo		positivo		negativo		negativo
1714	+ve	Typhimurium	+ve	Typhimurium	+ve	Enteritidis	-ve		-ve	
1733	+ve		+ve		+ve		-ve		-ve	
1770	+ve	S. Typhimurium	+ve	S. Typhimurium	+ve	S. Enteritidis	-ve		-ve	
1853	+ve	S. Typhimurium	+ve	S. Typhimurium	+ve	S. Enteritidis	-ve		-ve	
1877	+ve		+ve		+ve		-ve		-ve	
1884	+ve		+ve		+ve		-ve		-ve	
1894	+ve	s typhimurium	+ve	s typhimurium	+ve	s enteritidis	-ve	citr youngae	-ve	citr youngae
1896	+ve		+ve		+ve		-ve		-ve	

Culture	17/1794		17/1795		17/1796		17/1797		17/1798	
	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. 20,000 cfu per vial) + Pseudomonas aeruginosa		Salmonella Typhimurium (approx. 33,000 cfu per vial) + Escherichia coli		Salmonella Enteritidis (approx. 400 cfu per vial) + Pseudomonas aeruginosa		Citrobacter youngae + Pseudomonas aeruginosa		Citrobacter youngae	
	+ve	Group B	+ve	Group B	+ve	Group D	-ve	Negative	-ve	Negative
1905	+ve	Salmonella sp.	+ve	Salmonella sp.	+ve	Salmonella sp.	-ve		-ve	
1944	+ve	S. Typhimurium	+ve	S. Typhimurium	+ve	S. Enteritidis	-ve		-ve	
1947	+ve	S. Typhimurium	+ve	S. Typhimurium	+ve	S. Enteritidis	-ve		-ve	
1980	+ve	s. typhimurium	+ve	s. typhimurium	+ve	s. enteritidis	-ve		-ve	
2011	+ve		+ve		+ve		-ve		-ve	
2053	+ve	Salmonella spp	+ve	Salmonella spp	+ve	Salmonella spp	-ve		-ve	
2096	+ve		+ve		+ve		-ve		-ve	
2098	+ve	B TYPHIMURIUM	+ve	B TYPHIMURIUM	+ve	D ENTERITIDIS	-ve	NOT SALMONELLA	-ve	NOT SALMONELLA
2111	+ve	Typhimurium	+ve	Enteritidis	+ve	Typhimurium	-ve		-ve	
2112	+ve	B	+ve	B	+ve	D	-ve		-ve	
2131	+ve	S. Typhimurium	+ve	S. Typhimurium	+ve	S. Enteritidis	-ve	not detected	-ve	not detected
2143	+ve	S. Typhimurium	+ve	S. Typhimurium	+ve	S. Enteritidis	-ve		-ve	
2167	+ve	S. Typhimurium	+ve	S. Typhimurium	+ve	S. Enteritidis	-ve		-ve	
2204	+ve		+ve		+ve		-ve		-ve	
2212	+ve	Salmonella spp.	+ve	Salmonella spp.	+ve	Salmonella spp.	-ve		-ve	
2229	+ve	S. Typhimurium	+ve	S. Typhimurium	+ve	S. Enteritidis	-ve		-ve	
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	
2455	+ve		+ve		+ve		-ve		-ve	
2458	+ve	Salmonella spp.	+ve	Salmonella spp.	+ve	Salmonella spp.	-ve		-ve	
2472	+ve	S. Typhimurium	+ve	S. Typhimurium	+ve	S. Enteritidis	-ve		-ve	
2508	+ve	Salmonella spp.	+ve	Salmonella spp.	+ve	Salmonella spp.	-ve		+ve	Salmonella spp.
2532	+ve	B/S.typhimurium	+ve	B/S.typhimurium	+ve	D/S.enteritidis	-ve		+ve	
2552	+ve		+ve		+ve		-ve		-ve	
2573	+ve		+ve		+ve		-ve		-ve	
2578	+ve	Typhimurium	+ve	Typhimurium	+ve	Enteritidis	-ve		-ve	
2659	+ve		+ve		+ve		-ve		-ve	
2670	+ve	Grp B	+ve	Grp B	+ve	Grp D1	-ve		-ve	
2672	+ve	group B	+ve	group B	+ve	group D	-ve		-ve	
2726	+ve	B	+ve	B	+ve	D	-ve		-ve	
2761	+ve		+ve		+ve		-ve		-ve	
2762	+ve		+ve		+ve		-ve		-ve	
2823	+ve		+ve		+ve		-ve		-ve	
2872	+ve		+ve		+ve		-ve		-ve	
2887	+ve	S. Typhimurium	+ve	S. Typhimurium	+ve	S. Enteritidis	-ve	Negative	-ve	Negative
2897	Nil Return									
2904	+ve	Typkimurium	+ve	Typhimurium	+ve	Enteritidis	-ve		-ve	
2925	+ve	group B	+ve	group B	+ve	group D	-ve		-ve	
2950	+ve	Serogrup OMC	+ve	Serogrup OMA	+ve	Serogrup OMA	+ve	Serogrup OMC	+ve	Serogrup OMC
2959	+ve		+ve		+ve		-ve		-ve	
3015	+ve		+ve		+ve		-ve		-ve	
3020	+ve	S. Typhimurium	+ve	S. Typhimurium	+ve	S. Enteritidis	-ve		-ve	
3030	+ve	S. enterica G I	+ve	S. enterica G I	+ve	S. enterica G I	+ve	S. enterica G I	-ve	Negative

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

Comments provided by Michael Elliott, APHA Newcastle

Sample 17/1794 – Intended – Positive, Salmonella Typhimurium (Group B)

Lab 1235 incorrectly returned a negative result.

All other laboratories returned the expected positive result with those able to serogroup correctly grouping as Group B.

Sample 17/1795 – Intended – Positive, Salmonella Typhimurium (Group B)

Lab 1188 incorrectly returned a negative result.

All other laboratories returned the expected positive result with those able to serogroup correctly grouping as Group B with the exception of laboratory 2111 who incorrectly reported it as S. Enteritidis (Group D). Laboratory 1002 incorrectly reported the serotype S. Agama and laboratory 1436 reported monophasic Typhimurium.

Sample 17/1796 – Intended – Positive, Salmonella Enteritidis (Group D)

All laboratories returned the expected positive result with those able to serogroup correctly grouping as Group D with the exception of laboratory 2111 who incorrectly reported it as S. Typhimurium (a possibility of transposition error during testing with sample 17/1795).

Sample 17/1797 – Intended – Negative, Citrobacter youngae + Pseudomonas aeruginosa

Laboratories 2950 and 3030 incorrectly returned a positive result.

All other laboratories returned the expected negative result.

Sample 17/1798 – Intended – Negative, Citrobacter youngae

Laboratories 2508, 2532 and 2950 incorrectly returned a positive result.

All other laboratories returned the expected negative result.



Version: 09/03/2015

Paula Johnson
Scheme Coordinator
Animal and Plant Health Agency
Quality Assurance Unit
The Elms, College Road
Sutton Bonington
Loughborough
Leicestershire
LE12 5RB
UK
Authorised: 19/12/2017