



## Proficiency testing for veterinary laboratories

Distribution Date: 08/11/2016

## Results tabulation for 12585/BA PT0088: Salmonella in poultry

Culture	16/1829		16/1830		16/1831		16/1832		16/1833	
	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 Enteritidis (>100,000 cfu per vial) + Citrobacter youngae		Salmonella Kedougou (approx. 160 cfu per vial)		Salmonella Dublin (>100 cfu per vial)		Salmonella Typhimurium (approx. 500 cfu per vial) + Pseudomonas aeruginosa		Citrobacter youngae + Pseudomonas aeruginosa	
	+ve	Group D	+ve	Group G	+ve	Group D	+ve	Group B	-ve	Negative
1002	+ve	Enteritidis	+ve	Kedougou	+ve	Dublin	+ve	Typhimurium	-ve	
1056	+ve	D/ENTERITIDIS	+ve	E4	+ve	D/DUBLIN	+ve	B/TYPHIMURIUM	-ve	
1067	+ve	S. Enteritidis	+ve	S. Kedougou	+ve	S. Dublin	+ve	S. Typhimurium	-ve	
1089	+ve		+ve		+ve		+ve		-ve	
1096	+ve	D/S.Enteritidis	+ve	Salmonella spp.	+ve	D/S.Enteritidis	+ve	B/S.Typhimurium	-ve	/
1114	+ve	S. Enteritidis	+ve	S. Kedougou	+ve	S. Dublin	+ve	S. Typhimurium	-ve	
1115	+ve		+ve		+ve		+ve		-ve	
1121	+ve	Enteritidis	+ve	spp. non top 6	+ve	Enteritidis	+ve	Typhimurium	+ve	Enteritidis
1125	Nil Return									
1127	+ve	Group D	+ve	Group G	+ve	Group D	-ve		+ve	Group B
1133	+ve	Group D1 (09)	+ve	Group G	+ve	Group D1 (09)	+ve	Group B (04)	-ve	
1143	+ve	Group D	+ve	Group G	+ve	Group D	+ve	Group B	-ve	Negative
1156	+ve		+ve		+ve		+ve		-ve	
1157	+ve	Salm. (Gp.D)	+ve	Salm. (Poly O)	+ve	Salm. (Gp.D)	+ve	Salm. (Gp.B)	-ve	
1158	+ve	S. Enteritidis	+ve	S. Kedougou	+ve	Group D	+ve	S. Typhimurium	-ve	-
1188	+ve	Group D1	+ve	Group G	+ve	Group D1	+ve	Group B	-ve	
1190	+ve		+ve		+ve		+ve		-ve	
1198	+ve	Group D	+ve	Group G2	+ve	Group D	+ve	Group B	-ve	
1217	+ve	O:9(D1) ENTER.	+ve	O:13(G) KEDOGOU	+ve	O:9(D1) DUBLIN	+ve	O:4(B) THYPHIM.	-ve	
1218	+ve		+ve		+ve		+ve		-ve	
1235	+ve		+ve		+ve		+ve		-ve	
1246	+ve	S. Enteritidis	+ve	S. Grampian	+ve	S. Dublin	+ve	S. Typhimurium	-ve	
1266	-ve	Negative	+ve	Salmonella spp	+ve	Salmonella spp	+ve	Salmonella spp	-ve	Negative
1318	+ve	D	+ve	G	+ve	D	+ve	B	-ve	Negative
1349	+ve	s.enteritidis	+ve	s.kedougou	+ve	s.dublin	+ve	s.typhimurium	-ve	no salmonella
1374	+ve	Group D	+ve	Group G	+ve	Group D	+ve	Group B	-ve	Citrobacter
1382	+ve	S. Enteritidis	+ve	Salmonella spp.	+ve	Salmonella spp.	+ve	S. Typhimurium	-ve	
1387	+ve	serogroup D	+ve	BDC1C2C3 neg	+ve	serogroup D	+ve	serogroup B	-ve	
1436	+ve	S.Enteritidis	+ve	S.Kedougou	+ve	S.Dublin	+ve	s.Typhimurium	-ve	
1521	+ve	Group D	+ve		+ve	Group D	+ve		-ve	
1559	+ve	S.enteritidis	+ve	Salmonella F-67	+ve	S.dublin	+ve	S.typhimurium	-ve	
1626	+ve		+ve		+ve		+ve		-ve	
1634	+ve	enteritidis	+ve	spp.	+ve	Group D	+ve	typhimurium	-ve	Citrobacter
1647	+ve	S.Enteritidis	+ve	ext serotyping	+ve	ext serotyping	+ve	S.Typhimurium	-ve	
1654	+ve	Group D	+ve	Group E or G	+ve	Group D	+ve	Group B	-ve	N/A
1669	+ve	S. Enteritidis	+ve	S. Kedougou	+ve	S. Dublin	+ve	S. Typhimurium	-ve	
1673	+ve		+ve		+ve		+ve		-ve	
1681	+ve	S. Enteritidis	+ve	S. Kedougou	+ve	S. Dublin	+ve	S. Typhimurium	-ve	
1700		S.Enteritidis		S.Kedougou		S.Dublin		S.Typhimurium		negativo

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Intended	Salmonella Enteritidis (>100,000 cfu per vial) + Citrobacter youngae		Salmonella Kedougou (approx. 160 cfu per vial)		Salmonella Dublin (>100 cfu per vial)		Salmonella Typhimurium (approx. 500 cfu per vial) + Pseudomonas aeruginosa		Citrobacter youngae + Pseudomonas aeruginosa	
	+ve	Group D	+ve	Group G	+ve	Group D	+ve	Group B	-ve	Negative
1733	+ve		+ve		+ve		+ve		-ve	
1766	+ve	S. Enteritidis	+ve	S. Kedougou	+ve	S. Dublin	+ve	S. Typhimurium	-ve	Citrobac. spp.
1770	+ve	S. enteritidis	+ve	Salmonella spp.	+ve	S. enteritidis	+ve	S. typhimurium	-ve	C. youngae
1812	+ve	D/Enteritidis	+ve	G/Kedougou	+ve	D/Dublin	+ve	B/Typhimurium	-ve	
1853	+ve	S. Enteritidis	+ve	S. Kedougou	+ve	S. Dublin	+ve	S. Typhimurium	-ve	
1877	+ve		+ve		+ve		+ve		-ve	
1882	+ve	D1/ ENTERIDIS	+ve	G	+ve	D1/Dublin	+ve	B /Typhinurium	-ve	
1884	+ve		+ve		+ve		+ve		-ve	
1894	+ve	s.enteritidis	+ve	s.chedougou	+ve	s.dublin	+ve	s.typhimurium	-ve	
1896	+ve		+ve		+ve		+ve		-ve	
1905	+ve	Salmonella sp.	+ve	Salmonella sp	+ve	Salmonella sp	+ve	Salmonella sp	-ve	
1944	+ve		+ve		+ve		IC		-ve	
1947	+ve	D/Enteritidis	+ve	G/Kedougou	+ve	D1/Ext. company	+ve	B/Typhimurium	-ve	
1980	+ve	S. ENTERITIDIS	+ve	S. KEDOUGOU	+ve	S. DUBLIN	+ve	S. TYPHIMURIUM	-ve	
2011	+ve		+ve		+ve		+ve		-ve	
2053	+ve	Salmonella spp	+ve	Salmonella spp	+ve	Salmonella spp	+ve	Salmonella spp	-ve	
2096	IC	detected		detected		detected		detected		not detected
2098	+ve	GPD ENTERITIDIS	+ve	GPG KEDOUGOU	+ve	GPD DUBLIN	+ve	GPB TYPHIMURIUM	-ve	NOT SALMONELLA
2111	+ve	Enteritidis	+ve	Group E	+ve	Group D1	+ve	Typhimurium	-ve	
2112	+ve	D	+ve	G	+ve	D	+ve	B	-ve	
2131	+ve	S. Enteritidis	+ve	Salmonella spp.	+ve	S. Dublin	+ve	S. Typhimurium	-ve	not detected
2143	+ve	S. Enteritidis	+ve	S. Kedougou	+ve	S. Dublin	+ve	S. Typhimurium	-ve	
2167	+ve	S. Enteritidis	+ve	S. Kedougou	+ve	S. Dublin	+ve	S. Typhimurium	-ve	
2186	+ve	Group D	+ve	Group G	+ve	Group D	+ve	Group B	-ve	
2204	+ve		+ve		+ve		+ve		-ve	
2212	+ve	Salmonella spp.	+ve	Salmonella spp.	+ve	Salmonella spp.	+ve	Salmonella spp.	-ve	
2229	+ve	S. Enteritidis	+ve	Other	+ve	Other	+ve	S. Typhimurium	-ve	-
2240	+ve		+ve		+ve		+ve		-ve	
2274	+ve		+ve		+ve		+ve		-ve	
2386	+ve		+ve		+ve		+ve		-ve	
2426	+ve		+ve		+ve		+ve		-ve	
2455	+ve		+ve		+ve		+ve		-ve	
2472	+ve	S. enteritidis	+ve		+ve		+ve	S. typhimurium	-ve	
2532	+ve	D S.enteritidis	+ve	C	+ve	D	+ve	B S.typhimurium	+ve	C
2552	+ve		+ve		+ve		+ve		-ve	
2573	+ve		+ve		+ve		+ve		-ve	
2578	+ve	S.Enteritidis	+ve	Group E	+ve	Group E	+ve	S. Typhimurium	-ve	
2628	+ve	Enteritidis	+ve	not B and D	+ve	group D	+ve	Typhimurium	-ve	
2659	+ve		+ve		+ve		+ve		-ve	
2667	+ve	Salmonella spp	+ve	Salmonella spp	+ve	Salmonella spp	+ve	Salmonella spp	-ve	Pseudomanas
2670	+ve	Group D1	+ve	Salmonella sp.	+ve	Group D1	+ve	Group B	-ve	
2726	+ve	D	+ve		+ve	D	+ve	B	-ve	
2762	+ve		+ve		+ve		+ve		-ve	
2823	+ve		+ve		+ve		-ve		-ve	

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	+ve	Group D	+ve	Group G	+ve	Group D	+ve	Group B	-ve	Negative
2852	Nil Return									
2872	+ve		+ve		+ve		+ve		-ve	
2887	+ve	D/S.Enteritidis	+ve	Group G/13:i:lw	+ve	Group D	-ve	P. aeruginosa	-ve	Pse.a./Citr.sp.
2904	+ve	enteritidis	+ve	spp.	+ve	Group D	+ve	typhimurium	-ve	
2925	+ve	Group D	+ve	Group G	+ve	Group D	+ve	Group B	-ve	ausencia
3015	+ve		+ve		+ve		+ve		-ve	
3020	+ve	S. Enteritidis	+ve	S. Kedougou	+ve	S. Dublin	+ve	S. Typhimurium	-ve	

Intended results were determined using BPW into MSRV agar.

#### Comments provided by Gordon Bennett, APHA Lasswade

Sample 16/1829 - Intended - Positive, S. Enteritidis (Group D)

All laboratories returned the expected positive result except for Lab 1266.

Those able to serogroup correctly grouped the isolate as Group D.

Sample 16/1830 - Intended - Positive, S. Kedougou (Group G)

All laboratories returned the expected positive result, however, on serogrouping laboratories 1056, 2111 and 2578 incorrectly serogrouped as Group E.

Laboratory 1246 incorrectly serotyped as S. Grampian (Group C).

Laboratory 2532 incorrectly serogrouped as Group C.

Laboratory 1559 serogrouped as F-67?

All other laboratories able to serogroup correctly grouped the isolate as Group G.

Sample 16/1831 - Intended - Positive, S. Dublin (Group D)

All laboratories returned the expected positive result, however, laboratories 1096, 1121 and 1770 returned an incorrect serotype as S. Enteritidis.

Laboratory 2578 returned an incorrect serogroup as Group E.

All other laboratories able to serogroup correctly grouped the isolate as Group D.

Sample 16/1832 - Intended - Positive, S. Typhimurium (Group B) + Pseudomonas aeruginosa

Laboratory 2887 failed to isolate Salmonella and returned a Pseudomonas aeruginosa result.

Laboratories 1127 and 2823 failed to isolate Salmonella and returned an incorrect negative result.

Laboratory 1944 returned an inconclusive result.

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

Sample 16/1833 - Intended - Negative, Citrobacter youngae + Pseudomonas aeruginosa

Laboratory 1121 incorrectly returned an S. Enteritidis result.

Laboratory 1127 incorrectly returned a Group B result.

Laboratory 2532 incorrectly returned a Group C result.

All other laboratories returned the expected negative result.

Laboratories 1125 and 2852 posted a Nil Return.

Comment from Vetqas: This report required reauthorisation due to an omission in the comments about a false negative result from sample 16/1829. This version supersedes the report issued on 20/12/2016.



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: 19/01/2017