



Proficiency testing for veterinary laboratories

Distribution Date: 07/02/2017

Results tabulation for 12693/BA PT0088: Salmonella in poultry

Culture	17/1146		17/1147		17/1148		17/1149		17/1150	
	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	Serratia marcescens		Salmonella Enteritidis (approx. 150,000 cfu per vial) + Citrobacter youngae		Citrobacter youngae + Pseudomonas aeruginosa		Salmonella Typhimurium (>10,000 cfu per vial) + Escherichia coli		Citrobacter youngae + Escherichia coli	
	-ve	Negative	+ve	Group D	-ve	Negative	+ve	Group B	-ve	Negative
1002	-ve		+ve	Enteritidis	-ve		+ve	Typhimurium	-ve	
1067	-ve		+ve	S. Enteritidis	-ve		+ve	S. Typhimurium	-ve	
1089	-ve		+ve		-ve		+ve		-ve	
1114	-ve		+ve	S. Enteritidis	-ve		+ve	S. Typhimurium	-ve	
1115	-ve		+ve		-ve		+ve		-ve	
1121	-ve		+ve	S. Enteritidis	-ve		+ve	S. Typhimurium	-ve	
1125	-ve		+ve	1,9,12:g,m:-	-ve		+ve	1,4,5,12:i:1,2	-ve	
1127	-ve		+ve	S enteritidis	-ve		+ve	Group B	-ve	
1133	-ve		+ve	Group D	-ve		+ve	Group B	-ve	
1143	-ve	Negative	+ve	Group D	-ve	Negative	+ve	Group B	-ve	Negative
1157	-ve		+ve	Salm. (Gp.D)	-ve		+ve	Salm. (Gp.B)	-ve	Negative
1158	-ve		+ve	S. Enteritidis	-ve		+ve	S. Typhimurium	-ve	
1198	-ve		+ve	Group D	-ve		+ve	Group B	-ve	
1217	-ve		+ve	O:9(D1)	-ve		+ve	O:4(B)	-ve	
1220	-ve	Negative	+ve	Salm Group D	-ve	Negative	+ve	Group B	-ve	Negative
1235	-ve		+ve		-ve		+ve		-ve	
1246	-ve		+ve	S. Enteritidis	-ve		+ve	S. Typhimurium	-ve	
1318	-ve	Negative	+ve	Group D	-ve	Negative	+ve	Group B	-ve	Negative
1349	-ve	no salmonella	+ve	S. enteritidis	-ve	no salmonella	+ve	s.typhimurium	-ve	no salmonella
1382	-ve		+ve	S. Enteritidis	-ve		+ve	S. Typhimurium	-ve	
1387	-ve		+ve	O:9	-ve		+ve	O:4,5	-ve	
1436	-ve		+ve	S.Enteritidis	-ve		+ve	S.Typhimurium	-ve	
1521	+ve	Group D	+ve	Group D	-ve		+ve		-ve	
1559	-ve		+ve	S. Enteritidis	-ve		+ve	S. Typhimurium	-ve	
1626	-ve		+ve		-ve		+ve		-ve	
1638	-ve		+ve		-ve		+ve		-ve	
1647	-ve		+ve	S. Enteritidis	-ve		+ve	S. Typhimurium	-ve	
1650	-ve		+ve	D/S.Enteritidis	-ve		+ve	B/S.Typhimurium	-ve	
1654	-ve		+ve	Group D	-ve		+ve	Group B	-ve	
1669	-ve		+ve	S. Enteritidis	-ve		+ve	S. Typhimurium	-ve	
1673	-ve		+ve		-ve		+ve		-ve	
1681	-ve		+ve	S. enteritidis	-ve		+ve		-ve	
1700		negativo		salmonella spp		negativo		salmonella spp		negativo
1733	-ve		+ve		-ve		+ve		-ve	
1766	-ve		+ve	S. Enteritidis	-ve		+ve	S. Typhimurium	-ve	Citrobacter
1770	-ve		+ve	S. enteritidis	-ve		+ve	S. typhimurium	-ve	
1812	-ve		+ve	D/Enteritidis	-ve		+ve	B/Typhimurium	-ve	
1853	-ve		+ve	S. Enteritidis	-ve		+ve	S. Typhimurium	-ve	
1877	-ve		+ve		-ve		+ve		-ve	
1882	-ve	ser.spp	+ve	S.Dublin	-ve	citro./Ps.spp	+ve	typhimurium	+ve	OMC+
1894	-ve		+ve	S.enteritidis	-ve		+ve	S.typhimurium	-ve	
1896	+ve		+ve		+ve		+ve		-ve	

Culture	17/1146		17/1147		17/1148		17/1149		17/1150	
	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	Serratia marcescens		Salmonella Enteritidis (approx. 150,000 cfu per vial) + Citrobacter youngae		Citrobacter youngae + Pseudomonas aeruginosa		Salmonella Typhimurium (>10,000 cfu per vial) + Escherichia coli		Citrobacter youngae + Escherichia coli	
	-ve	Negative	+ve	Group D	-ve	Negative	+ve	Group B	-ve	Negative
1905	-ve		+ve	Salmonella sp.	-ve		+ve	Salmonella sp.	-ve	
1944	-ve		+ve	D S. enteritidis	-ve		+ve	B S. typhimurium	-ve	
1947	-ve		+ve	O9:Enteritidis	-ve		+ve	O4:Typhimurium	-ve	
1980	-ve		+ve	S. Enteritidis	-ve		+ve	S. Typhimurium	-ve	
2011	-ve		+ve		-ve		+ve		-ve	
2053	-ve		+ve	Salmonella spp	-ve		+ve	Salmonella spp	-ve	
2096	-ve		+ve		-ve		+ve		-ve	
2098	-ve	NOT SALMONELLA	+ve	ENTERITIDIS	-ve	NOT SALMONELLA	+ve	TYPHIMURIUM	-ve	NOT SALMONELLA
2111	-ve		+ve	Enteritidis	-ve		+ve	Typhimurium	-ve	
2112	-ve		+ve	D	-ve		+ve	B	-ve	
2131	-ve	not detected	+ve	S. Enteritidis	-ve	not detected	+ve	S. Typhimurium	-ve	not detected
2143	-ve		+ve	S. Enteritidis	-ve		+ve	S. Typhimurium	-ve	
2167	-ve		+ve	S. Enteritidis	-ve		+ve	S. Typhimurium	-ve	
2186	-ve		+ve	Group D	-ve		+ve	Group B	-ve	
2204	-ve		+ve		-ve		+ve		-ve	
2212	-ve		+ve	salmonella spp.	-ve		+ve	salmonella spp.	-ve	
2229	-ve		+ve	S. Enteritidis	-ve		+ve	S. Typhimurium	-ve	
2240	-ve		+ve		-ve		+ve		-ve	
2274	-ve		+ve		-ve		+ve		-ve	
2356	-ve		+ve		+ve		+ve		-ve	
2369	-ve		+ve	D - Enteritidis	-ve		+ve	B - Typhimurium	-ve	
2386	-ve		+ve		-ve		+ve		-ve	
2426	-ve		+ve		-ve		+ve		-ve	
2455	-ve		+ve		-ve		+ve		-ve	
2472	-ve		+ve	S. Enteritidis	-ve		+ve	S. Typhimurium	-ve	
2532	-ve		+ve	S. enteritidis	+ve		+ve	S. typhimurium	+ve	
2552	-ve		+ve		-ve		+ve		-ve	
2573	-ve		+ve		-ve		+ve		-ve	
2578	-ve	not applicable	+ve	S. Enteritidis	-ve	not applicable	+ve	S. Typhimurium	-ve	not applicable
2628	-ve		+ve	S. enteritidis	-ve		+ve	S. typhimurium	-ve	
2667	-ve	negative	+ve	Salmonella spp	-ve	p. euroginosa	+ve	Salmonella spp	-ve	E.coli
2670	-ve		+ve	Salmonella D1	-ve		+ve	Salmonella B	-ve	
2726	-ve		+ve	Group D	-ve		+ve	Group B	-ve	
2762	-ve		+ve		-ve		+ve		-ve	
2823	-ve		+ve		-ve		+ve		-ve	
2904	-ve		+ve	Enteritidis	-ve		+ve	Typhimurium	-ve	
2925	-ve		+ve	Group D	-ve		+ve	Group B	-ve	
3015	-ve		+ve		-ve		+ve		-ve	
3020	-ve		+ve	S. Enteritidis	-ve		+ve	S. Typhimurium	-ve	

Intended results were determined using BPW into MSRV agar.

Comments provided by Gordon Bennett, APHA Lasswade

Sample 17/1146 - Intended - Negative, Serratia marcescens
Laboratory 1521 returned a positive Group D Salmonella result.

Laboratory 1896 returned a positive result.
All other laboratories returned the expected negative result.

Sample 17/1147 - Intended - Positive, S. Enteritidis (Group D) and Citrobacter youngae
All laboratories returned the expected positive result with all those able to perform serotyping or serogrouping correctly reporting this isolate as S. Enteritidis (Group D) with the exception of laboratory 1882 who incorrectly returned a S. Dublin result.

Sample 17/1148 - Intended - Negative, Citrobacter youngae and Pseudomonas aeruginosa
Laboratories 1896, 2356 and 2532 returned an incorrect positive result.
All other laboratories returned the expected negative result.

Sample 17/1149 - Intended - Positive, S. Typhimurium (Group B) and E. coli
All laboratories returned the expected positive result with all those able to perform serotyping or serogrouping correctly reporting this isolate as S. Typhimurium (Group B).

Sample 17/1150 - Negative, Citrobacter youngae and E. coli
Laboratories 1882 and 2532 incorrectly returned a positive result.
All other laboratories returned the expected negative result.

There were no Nil Returns.

Comment from Vetqas: Please ensure to report an interpretation (+ve/-ve/IC) for your results.



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