



## Proficiency testing for veterinary laboratories

Distribution Date: 06/05/2014

## Results tabulation for 11525/BA PT0088: Salmonella in poultry

Culture	14/1368		14/1369		14/1370		14/1371		14/1372	
	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 + Citrobacter youngae		Salmonella Enteritidis + Pseudomonas aeruginosa		Salmonella Typhimurium + Pseudomonas aeruginosa		Citrobacter youngae		Citrobacter youngae + Pseudomonas aeruginosa	
	+ve	Group D	+ve	Group D	+ve	Group B	-ve	Negative	-ve	Negative
1002	+ve	Enteritidis	+ve	Enteritidis	+ve	Typhimurium	IC		-ve	
1056	+ve	D/Enteritidis	+ve	D/Enteritidis	+ve	B/Typhimurium	-ve		-ve	
1076	+ve	S. enteritidis	+ve	S. enteritidis	+ve	S. typhimurium	-ve		-ve	
1089	+ve		+ve		+ve		-ve		-ve	
1093	+ve	not serotyped	+ve	not serotyped	+ve	not serotyped	-ve		-ve	
1098	+ve	Salmonella spp.	+ve	Salmonella spp.	+ve	Salmonella spp.	-ve		-ve	
1114	+ve	Group O:9 (D1)	+ve	Group O:9 (D1)	+ve	Group O:4 (B)	-ve		-ve	
1115	+ve		+ve		+ve		-ve		-ve	
1125	+ve	s. enteritidis	+ve	s. enteritidis	+ve	s. typhimurium	+ve	s. enteritidis	-ve	
1127	+ve	Group D	+ve	Group D	+ve	Group B	-ve		-ve	
1132	+ve		+ve		+ve		-ve		-ve	
1133	+ve	D	+ve	D	+ve	B	-ve		-ve	
1143	+ve	Group D	+ve	Group D	+ve	Group B	-ve	Negative	-ve	Negative
1145		Salmonella spp.		Salmonella spp.		Salmonella spp.		Absence		Absence
1157	+ve	Salm. (Gp.D)	+ve	Salm. (Gp.D)	+ve	Salm. (Gp.B)	-ve		-ve	
1158	+ve	S. Enteritidis	+ve	S. Enteritidis	+ve	S. Typhimurium	-ve	-	-ve	-
1181	+ve		+ve		+ve		-ve		-ve	
1187	+ve		+ve		+ve		-ve		-ve	
1198	+ve	Group D	+ve	Group D	+ve	Group B	-ve		-ve	
1217	+ve	Group O:9 (D1)	+ve	Group O:9 (D1)	+ve	Group O:4 (B)	-ve		-ve	
1235	Nil Return									
1246	+ve	S Enteritidis	+ve	S Enteritidis	+ve	S Typhimurium	-ve		-ve	
1250	+ve	S. Enteritidis	+ve	S. Enteritidis	+ve	S. Typhimurium	-ve		-ve	
1318	+ve	D	+ve	D	+ve	B	-ve		-ve	
1327	+ve		+ve		+ve		-ve		-ve	
1340	+ve	Group D	+ve	Group D	+ve	Group B	-ve		-ve	
1349	+ve	S.enteritidids	+ve	S.enteritidids	+ve	S.typhimurium	+ve	not salmonella	-ve	not salmonella
1374	+ve	Group D	+ve	Group D	+ve	Group B	-ve	Citrobacter	-ve	Citrobacter
1382	+ve	S. Enteritidis	+ve	S. Enteritidis	+ve	S. Typhimurium	-ve		-ve	
1387	+ve	Group D	+ve	Group D	+ve	Group B	-ve		-ve	
1411	+ve		+ve		+ve		+ve		+ve	
1436	+ve	S. Enteritidis	+ve	S. Enteritidis	+ve	S. Typhimurium	-ve		-ve	
1483	+ve	Group D	+ve	Group D	+ve	Group B	-ve		-ve	
1495	+ve	S. Enteritidis	+ve	S. Enteritidis	+ve	S. Typhimurium	-ve		-ve	
1521	+ve		+ve		+ve		-ve		-ve	
1542	+ve	Salmonella spp	+ve	Salmonella spp	+ve	Salmonella spp	-ve	-	+ve	Salmonella spp
1559	+ve	S. Enteritidis	+ve	S. Enteritidis	+ve	S. Typimurium	-ve		-ve	
1626	+ve		+ve		+ve		-ve		-ve	
1627	+ve	Salmonella spp	+ve	Salmonella spp	+ve	Salmonella spp	-ve	Citro youngae	-ve	Citro youngae
1638	+ve		+ve		+ve		-ve		-ve	
1639	+ve	Salmonella spp	+ve	Salmonella spp	+ve	Salmonella spp	-ve		-ve	
1647	+ve	S. Enteritidis	+ve	S. Enteritidis	+ve	S. Typhimurium	-ve		-ve	
1654	+ve	Group D	+ve	Group D	+ve	Group B	-ve	N/A	-ve	N/A

Culture	14/1368		14/1369		14/1370		14/1371		14/1372	
	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 + Citrobacter youngae		Salmonella Enteritidis + Pseudomonas aeruginosa		Salmonella Typhimurium + Pseudomonas aeruginosa		Citrobacter youngae		Citrobacter youngae + Pseudomonas aeruginosa	
	+ve	Group D	+ve	Group D	+ve	Group B	-ve	Negative	-ve	Negative
1673	+ve		+ve		+ve		-ve		-ve	
1681	+ve	S. enteritidis	+ve	S. enteritidis	+ve	S. typhimurium	-ve		-ve	
1696	+ve		+ve		+ve		-ve		-ve	
1700	+ve	S. Enteritidis	+ve	S. Enteritidis		S. Typhimurium		negativo		negativo
1703	+ve	Salmonella D	+ve	Salmonella D	+ve	Salmonella C2	-ve		-ve	
1714	+ve	S. Enteritidis	+ve	S. Enteritidis	+ve	S. Typhimurium	-ve	Citrobacter sp.	-ve	
1733	+ve		+ve		+ve		-ve		-ve	
1770	+ve	S. enteritidis	+ve	S. enteritidis	+ve	S. typhimurium	-ve		-ve	
1773	+ve		+ve		+ve		-ve		-ve	
1812	+ve	D/Enteritidis	+ve	D/Enteritidis	+ve	Typhimurium 5-	-ve		-ve	
1846	+ve	Polivalente O	+ve	Polivalente O	+ve	Polivalente O	-ve		-ve	
1853	+ve	S. Enteritidis	+ve	S. Enteritidis	+ve	S. Typhimurium	-ve		-ve	
1877	+ve		+ve		+ve		-ve		-ve	
1884	+ve		+ve		+ve		-ve		-ve	
1894	+ve	salmonella spp.	+ve	salmonella spp.	+ve	salmonella spp.	-ve		-ve	
1905	+ve	Salmonella I	+ve	Salmonella I	+ve	Salmonella I	-ve		+ve	Salmonella I
1944	+ve	B	+ve	D	+ve	B	-ve		-ve	
1947	+ve	S. Enteritidis	+ve	S. Enteritidis	+ve	S. Typhimurium	-ve		-ve	
2011	+ve		+ve		+ve		-ve		-ve	
2014	+ve	Salmonella spp.	+ve	Salmonella spp.	+ve	Salmonella spp.	-ve		-ve	
2018		S. enteritidis		S. enteritidis		S. typhimurium		NEGATIVE		NEGATIVE
2053	+ve	Salmonella spp	+ve	Salmonella spp	+ve	Salmonella spp	+ve	Salmonella spp	-ve	
2077	+ve	D/g,m ; -	+ve	D/g,m ; -	+ve	B / i ; 1,2	-ve		-ve	
2084	+ve	S. enteritidis	+ve	S. enteritidis	+ve	Group B (O:4)	-ve		-ve	
2091	+ve		+ve		+ve		-ve		-ve	
2096	+ve		+ve		+ve		-ve		-ve	
2098	+ve	ENTERITIDIS	+ve	ENTERITIDIS	+ve	TYPHIMURIUM	-ve	NOT SALMONELLA	-ve	NOT SALMONELLA
2111	+ve	S. enteritidis	+ve	S. enteritidis	+ve	S. typimurium	-ve		-ve	
2131	+ve	S. Enteritidis	+ve	S. Enteritidis	+ve	S. Typhimurium	-ve	not detected	-ve	not detected
2143	+ve	S. Enteritidis	+ve	S. Enteritidis	+ve	S. Typhimurium	-ve		-ve	
2158	+ve		+ve		+ve		-ve		-ve	
2161	+ve		+ve		+ve		-ve		-ve	
2167	+ve	S. Enteritidis	+ve	S. Enteritidis	+ve	S. Typhimurium	-ve		-ve	
2204	Nil Return									
2212	+ve	salmonella spp.	+ve	salmonella spp.	+ve	salmonella spp	-ve		-ve	
2228	+ve		+ve		+ve		-ve		-ve	
2229	-ve		+ve	S. Enteritidis	+ve	S. Typhimurium	-ve		-ve	
2240	+ve		+ve		+ve		-ve		-ve	
2258	+ve		+ve		+ve		-ve		-ve	
2274	Nil Return									
2280	+ve		+ve		+ve		-ve		-ve	
2309	+ve	S. enteritidis	+ve	S. enteritidis	+ve	S. typhimurium	-ve		-ve	
2353	+ve		+ve		+ve		+ve		-ve	
2356	+ve	Salmonella spp	+ve	Salmonella spp	+ve	Salmonella spp	-ve		-ve	
2361	+ve	Salmonella spp	+ve	Salmonella spp	+ve	Salmonella spp	-ve		-ve	
2364	+ve	Group D	+ve	Group D	+ve	Group B	-ve		-ve	
2386	+ve		+ve		+ve		-ve		-ve	
2412	+ve	S. Enteritidis	+ve	S. Enteritidis	+ve	S. Typhimurium	-ve		-ve	
2423	+ve		+ve		+ve		-ve		-ve	

Culture	14/1368		14/1369		14/1370		14/1371		14/1372	
	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 + Citrobacter youngae		Salmonella Enteritidis + Pseudomonas aeruginosa		Salmonella Typhimurium + Pseudomonas aeruginosa		Citrobacter youngae		Citrobacter youngae + Pseudomonas aeruginosa	
	+ve	Group D	+ve	Group D	+ve	Group B	-ve	Negative	-ve	Negative
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. enteritidis	+ve	S. enteritidis	+ve	S. typhimurium				
2482	+ve	S. Enteritidis	+ve	S. Enteritidis	+ve	S. Typhimurium	-ve		-ve	
2488	+ve		+ve		+ve		-ve		-ve	
2508	+ve	Salmonella spp.	+ve	Salmonella spp.	+ve	Salmonella spp.	-ve		-ve	
2552	+ve		+ve		+ve		-ve		-ve	
2561	+ve		+ve		+ve		-ve		IC	
2568	+ve	O9 +, H:g,m +	+ve	O9 +, H:g,m +	+ve	O4,5 +	-ve		-ve	
2570	+ve	Goupe D	+ve	groupe D	+ve	groupe B	-ve		-ve	
2573	+ve		+ve		+ve		-ve		-ve	
2583	+ve	Group D	+ve	Group D	+ve	S. salamae	-ve		-ve	
2628	+ve	GROUP D	+ve	GROUP D	+ve	GROUP B	-ve	/	-ve	/
2633	+ve	Salmonella spp.	+ve	Salmonella spp.	+ve	Salmonella spp.	-ve		-ve	
2667	+ve	Salmonella spp	+ve	Salmonella spp	+ve	Salmonella spp	-ve	negative	+ve	negative
2670	+ve	Group D1	+ve	Group D1	+ve	Group B	-ve		-ve	
2686	+ve		+ve		+ve		-ve		-ve	
2726	+ve		+ve		+ve		-ve		-ve	
2755	+ve	D	+ve	D	+ve	B	-ve		-ve	
2762	+ve		+ve		+ve		-ve		-ve	
2799	+ve		+ve		+ve		-ve		-ve	
2823	+ve		+ve		+ve		-ve		-ve	
3015	+ve		+ve		+ve		-ve		-ve	
3020	+ve	D/Enteritidis	+ve	D/Enteritidis	+ve	B/Typhimurium	-ve		-ve	
3033	+ve	Salmonella 1	+ve	Salmonella 1	+ve	Salmonella 1	-ve	Not detected	-ve	Not detected

Intended results were determined using BPW into MSRV agar.

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

Sample 14/1368 - Intended - Salmonella Enteritidis (Group D), Citrobacter youngae

All laboratories other than Lab 2229 isolated Salmonella.

Of those that serotyped/Grouped the isolate all were correct with the exception of laboratory 1944 who incorrectly Grouped it as Group B.

Sample 14/1369 - Intended - Salmonella Enteritidis (Group D), Pseudomonas aeruginosa

All laboratories isolated Salmonella.

Of those that serotyped/Grouped the isolate all were correct.

Sample 14/1370 - Intended - Salmonella Typhimurium, Pseudomonas aeruginosa

All laboratories isolated Salmonella.

Of those that serotyped/Grouped the isolate all were correct with the exception of laboratory 1703 who returned an incorrect Group C2.

Laboratory 2583 returned a result of S. salamae. This refers to subspecies II. S. enterica subsp salamae. Whereas, Salmonella Typhimurium is subspecies I S. enterica subsp enterica.

Sample 14/1371 - Intended - Citrobacter youngae

The majority of laboratories returned the expected negative results.

Laboratory 1002 mentioned in comments that this sample was not tested.  
Laboratory 1125 returned an incorrect positive S. Enteritidis result.  
Laboratory 1349 returned a positive MSRV result, however, correctly reported it as not Salmonella.  
Laboratories 1411 and 2353 returned a positive result.  
Laboratory 2053 returned a positive isolated Salmonella result.  
Laboratory 2472 returned no result.

Sample 14/1372 - Intended - Citrobacter youngae, Pseudomonas aeruginosa  
The majority of laboratories returned the expected negative results.  
Laboratory 1411 returned a positive result.  
Laboratories 1542 and 1905 returned a positive Salmonella result.  
Laboratory 2472 returned no result.  
Laboratory 2561 returned an inconclusive result.  
Laboratory 2667 returned a positive result, however, correctly reported it as being negative.



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