



Proficiency testing for veterinary laboratories

Distribution Date: 01/05/2012

Results tabulation for 10579/BA PT0088: Salmonella in poultry

Culture	12/1342		12/1343		12/1344		12/1345		12/1346	
	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	S Typhimurium (approx 1.0x10 ⁴) + E coli + Pseudomonas aeruginosa		Sterile		S Kedougou (approx 2.0x10 ²)		S Typhimurium (approx 1.0x10 ⁴) + E coli + Pseudomonas aeruginosa		S Typhimurium monophasic (approx 2.0x10 ²)	
	+ve	Group B	-ve		+ve	Group G	+ve	Group B	+ve	Group B
1002	+ve	S. Stanley	-ve		+ve	S. Kedougou	+ve	S. Typhimurium	+ve	S. Gloucester
1050	Nil Return									
1056	+ve	B/Typhimurium	-ve	-	+ve	G	+ve	B/Typhimurium	+ve	B/Typhimurium
1076	+ve	B S.typhimurium	-ve		+ve	G S.kedougou	+ve	B S.typhimurium	+ve	B S.typhimurium
1089	+ve		-ve		+ve		+ve		+ve	
1093	+ve	not serotyped	-ve		+ve	not serotyped	+ve	not serotyped	+ve	not serotyped
1114	+ve	Group O:4 (B)	-ve		+ve	Group O:13 (G)	+ve	Group O:4 (B)	+ve	Group O:4 (B)
1115	+ve		-ve		+ve		+ve		+ve	
1125	+ve	group B	-ve		+ve		+ve	group B	+ve	group B
1127	+ve	S.typhimurium	-ve		+ve		+ve	S.typhimurium	+ve	S.typhimurium
1132	+ve		-ve		+ve		+ve		+ve	
1133	+ve	B	-ve		+ve	G	+ve	B	+ve	B
1143	+ve	Group B	-ve	Negative	+ve	Group G	+ve	Group B	+ve	Group B
1145	+ve		-ve	NOT DETECTED	+ve		+ve		+ve	
1158	+ve	S. Typhimurium	-ve	-	+ve	S. Kedougou	+ve	S. Typhimurium	+ve	S. Gloucester
1187	+ve		-ve		+ve		+ve		+ve	
1198	+ve	B	-ve		+ve	G2	+ve	B	+ve	B
1212	+ve	B/typhimurium	-ve		+ve	A-S	+ve	B/typhimurium	+ve	B/typhimurium
1218	+ve		-ve		+ve		+ve		+ve	
1235	+ve		-ve		+ve		+ve		+ve	
1246	+ve	S Typhimurium	-ve		+ve	S Kedougou	+ve	S Typhimurium	+ve	S Typhimurium
1248	+ve	S. Typhimurium	-ve		+ve	S. Kedougou	+ve	S. Typhimurium	+ve	S. ent. ent.
1318	+ve	B	-ve		+ve	G1 & G2	+ve	B	+ve	B
1327	+ve		-ve		+ve		+ve		+ve	
1340	+ve	Group B	-ve		+ve	Group E or G	+ve	Group B	+ve	Group B
1349	+ve		-ve		+ve	S. Kedougou	+ve	S. Typhimurium	+ve	4,[5]12,:i:-.
1374	+ve	O4	+ve	O13,23	+ve	O13,23	+ve	O4	+ve	O4
1382	+ve	S. Typhimurium	-ve		+ve	Salmonella spp.	+ve	S. Typhimurium	+ve	S.Typhimurium
1387	+ve	group B	-ve		+ve	group B/D/C neg	+ve	group B	+ve	group B
1411	+ve		-ve		+ve		+ve		+ve	
1436	+ve	S.Typhimurium	-ve		+ve	S. Kedougou	+ve	S.Typhimurium	+ve	S.Typhimurium
1483	+ve	Group-B	-ve	Sterile	-ve	Negative	+ve	Group-B	+ve	Group-B
1487	+ve	B / Typhimurium	-ve		+ve	Group G	+ve	B / Typhimurium	+ve	Group B
1495	+ve	Typhimurium	-ve		+ve	Kedougou	+ve	Typhimurium	+ve	enterica
1542	+ve	Salmonella spp	-ve	-	+ve	Salmonella spp	+ve	Salmonella spp	+ve	Salmonella spp
1559	+ve	S. Typhimurium	-ve		+ve	Salmonella F-67	+ve	S. Typhimurium	+ve	S. Typhimurium*
1597	+ve		-ve		+ve		+ve		+ve	
1626	+ve		-ve		+ve		+ve		+ve	
1627	+ve	Salmonella spp.	-ve		+ve	Salmonella spp.	+ve	Salmonella spp.	+ve	Salmonella spp.
1638	+ve		-ve		+ve		+ve		+ve	
1639	+ve	salmonella spp	-ve		+ve	salmonella spp	+ve	salmonella spp	+ve	salmonella spp
1641	+ve	G S.kedougou	-ve		+ve	B S.typhimurium	+ve	B S.typhimurium	+ve	B S.typhimurium

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	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	S Typhimurium (approx 1.0x10 ⁴) + E coli + Pseudomonas aeruginosa		Sterile		S Kedougou (approx 2.0x10 ²)		S Typhimurium (approx 1.0x10 ⁴) + E coli + Pseudomonas aeruginosa		S Typhimurium monophasic (approx 2.0x10 ²)	
	+ve	Group B	-ve		+ve	Group G	+ve	Group B	+ve	Group B
1647	+ve	S. Typhimurium	-ve		+ve	ext. serotyping	+ve	S. Typhimurium	+ve	ext. serotyping
1654	+ve	Group B	-ve	N/A	+ve	Group E/G	+ve	Group B	+ve	Group B
1673	+ve		-ve		+ve		+ve		+ve	
1675	+ve	Gp B	-ve		+ve	Unknown	+ve	Gp B	+ve	Gp B
1696	+ve	B	-ve		+ve	E OR G	+ve	B	+ve	B
1700	+ve	salmonella spp.	-ve	negativo	+ve	salmonella spp.	+ve	salmonella spp.	+ve	salmonella spp.
1714	+ve	S. Typhimurium	-ve		+ve	S. Kedougou	+ve	S. Typhimurium	+ve	O 4,5 ; i ; -
1715	+ve		-ve		+ve		+ve		+ve	
1733	+ve		-ve		+ve		-ve		+ve	
1770	+ve	S. typhimurium	-ve	negative	+ve	polyvalent II	+ve	S. typhimurium	+ve	group B
1773	+ve	Group B	-ve		+ve	Salmonella spp	+ve	Group B	+ve	Group B
1833	+ve	S. Typhimurium	+ve	S. sp	+ve	S. Kedougou	+ve	S. Typhimurium	+ve	S. Enterica
1853	+ve	S. Typhimurium	-ve		+ve	S. Kedougou	+ve	S. Typhimurium	+ve	S. Typhimurium
1877	+ve	Salmonella sp.	-ve		+ve	Salmonella sp.	+ve	Salmonella sp.	+ve	Salmonella sp.
1882	+ve	Group B	-ve	-	+ve	Group E	+ve	Group B	+ve	Group B
1884	+ve		-ve		+ve		+ve		+ve	
1913	+ve	group B	-ve		+ve	unknown group	+ve	group B	+ve	group B
1944	Nil Return									
1947	+ve	S. Typhimurium	-ve	Not applicable	+ve	S. Kedougou	+ve	S. Typhimurium	+ve	S. Typhimurium
1980	+ve	S.typhimurium-B	-ve		+ve	S.kedougou-G	+ve	S.typhimurium-B	+ve	S.typhimurium-B
2018	+ve		-ve		+ve		+ve		+ve	
2053	+ve	Salmonella spp	-ve		+ve	Salmonella spp	+ve	Salmonella spp	+ve	Salmonella spp
2072	Nil Return									
2077	+ve	B/i/1.2	-ve	Sterile	+ve		+ve	B/i/1.2	+ve	B/i/-
2091	+ve		-ve		+ve		+ve		+ve	
2096	+ve	B	-ve		+ve	E or G	+ve	B	+ve	B
2098	+ve	Typhimurium	-ve	No growth	+ve	Kedougou	+ve	Typhimurium	+ve	4,12:i:-
2143	+ve	S. Typhimurium	-ve		+ve	S. Kedougou	+ve	S. Typhimurium	+ve	S.Typhim.mono.
2146	+ve		-ve		+ve		+ve		+ve	
2158	+ve		-ve		+ve		+ve		+ve	
2161	+ve		-ve		+ve		+ve		+ve	
2167	+ve	S. Typhimurium	-ve		+ve	S. Kedougou	+ve	S. 4,5,12:i:-	+ve	S. 4,5,12:i:-
2204	+ve		-ve		+ve		+ve		+ve	
2205	+ve		-ve		+ve		+ve		+ve	
2212	+ve	salmonella spp.	-ve		+ve	salmonella spp.	+ve	salmonella spp.	+ve	salmonella spp
2228	+ve		-ve		+ve		+ve		+ve	
2229	+ve	serogroup B	-ve		+ve	serogroup E4	+ve	serogroup B	+ve	serogroup B
2240	+ve		-ve		+ve		+ve		+ve	
2258	+ve		-ve		+ve		+ve		+ve	
2274	+ve		-ve		+ve		+ve		+ve	
2280	+ve		-ve		+ve		+ve		+ve	
2309	+ve	B	-ve		+ve		+ve	B	+ve	B
2315	+ve	S.Typhimurium	-ve	//	+ve	S.Kedougou	+ve	S.Typhimurium	+ve	S. .4,5,12:i:-
2326	+ve		-ve		+ve		+ve		+ve	
2353	+ve		-ve		+ve		+ve		+ve	
2356	+ve		-ve		+ve		+ve		+ve	
2361	+ve	salmonella spp	-ve		+ve	salmonella spp	+ve	salmonella spp	+ve	salmonella spp
2386	+ve		-ve		+ve		+ve		+ve	
2423	-ve		-ve		-ve		+ve		+ve	
2426	+ve		-ve		+ve		+ve		+ve	

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Intended	S Typhimurium (approx 1.0x10 ⁴) + E coli + Pseudomonas aeruginosa		Sterile		S Kedougou (approx 2.0x10 ²)		S Typhimurium (approx 1.0x10 ⁴) + E coli + Pseudomonas aeruginosa		S Typhimurium monophasic (approx 2.0x10 ²)	
	+ve	Group B	-ve		+ve	Group G	+ve	Group B	+ve	Group B
2455	+ve	Salmonella spp	-ve		+ve	Salmonella spp	+ve	Salmonella spp	+ve	Salmonella spp
2458	+ve	Salmonella spp.	-ve		+ve	Salmonella spp.	+ve	Salmonella spp.	+ve	Salmonella spp.
2472	+ve		-ve		+ve		+ve		+ve	
2482	+ve	S. Typhimurium	-ve		+ve	S. Kedougou	+ve	S. Typhimurium	+ve	S.I 4,5,12:i:-
2488	+ve		-ve		+ve		+ve		+ve	
2508	+ve	S. typhimurium	-ve	sterile	+ve	S. kedougou	+ve	S. typhimurium	+ve	Salmonella spp.
2552	+ve		-ve		+ve		+ve		+ve	
2554	+ve	spp	+ve	spp	+ve	spp	-ve		-ve	
2561	Nil Return									
2568	+ve	O(4,5)	-ve		+ve		+ve	O(4,5)	+ve	O(4,5)
2633	+ve	Salmonella spp.	-ve		+ve	Salmonella spp.	+ve	Salmonella spp.	+ve	Salmonella spp.
2667	+ve		-ve		+ve		+ve		+ve	
2686	+ve		-ve		+ve		+ve		+ve	
2722	+ve	B group	-ve	Sterile	+ve	Group F-67	+ve	B group	+ve	B group
2726	+ve	B	-ve		+ve	Kedougou	+ve	B	+ve	B
2762	+ve		-ve		+ve		+ve		+ve	
2823	+ve		-ve		+ve		+ve		+ve	

Intended results were determined using BPW into MSRV agar.

Sample 12/1342 = 12/1345

Comments provided by Paula Johnson, Quality Assurance Unit Sutton Bonington

Sample 12/1342

All participants with the exception of Lab 2423 correctly detected Salmonella in this sample.

Of the 27 labs that reported the species, two labs (1002 and 1641) reported an incorrect species.

Sample 12/1343

Three labs (1374, 1833 and 2554) incorrectly reported Salmonella present in this sample.

Sample 12/1344

Two labs (1483 and 2423) failed to detect Salmonella in this sample.

Lab 1641 reported S.typhimurium as the species. Incidentally this lab reported S.kedogou for Sample 12/1342 and so it is possible the samples were mixed up at some point in either the labelling, testing or reporting process.

Labs 1559 and 2722 reported the incorrect sero groups.

Sample 12/1345

Two labs (1733 and 2554) failed to detect Salmonella in this sample.

Where the serogroup or species were reported, all were correct.

Sample 12/1346

Lab 2554 failed to detect Salmonella in this sample.

Labs 1002 and 1158 reported an incorrect species for this sample, ie S.gloucester (also in group B)



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Version: 02/12/2011

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Authorised: 12/06/2012