

## Results tabulation for 6674/BA PT0088: Salmonella in poultry

Distribution Date: 04/05/2010

Culture	10/1307		10/1308		10/1309		10/1310		10/1311	
	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	Positive - Group C		Positive - Group B		Negative		Positive - Group B		Positive - Group D	
	+ve	S Infantis	+ve	S Typhimurium	-ve		+ve	S Typhimurium	+ve	S Enteritidis
1002	+ve	S Infantis	+ve	S Typhimurium	-ve		+ve	S Typhimurium	+ve	S Enteritidis
1050	Nil Return									
1056	+ve	groupe C1	+ve	B/Typhimurium	-ve	culture sterile	+ve	B/Typhimurium	+ve	D/Enteritidis
1076	+ve	Group C	+ve	Group B/S.t.-m.	-ve		+ve	Group B	+ve	D/S.enteritidis
1089	-ve		+ve	S. typhi	-ve		+ve	S. Typhi	+ve	S. Ent
1093	+ve	not serotyped	+ve	not serotyped	-ve		+ve	not serotyped	+ve	not serotyped
1115	+ve		+ve		-ve		+ve		+ve	
1125	+ve	C1 ( 6,7)	+ve	B (1,4,5,12)	-ve		+ve	B (1,4,5,12)	+ve	D1 (1,9,12)
1127	Nil Return									
1132	+ve	Salmonella spp.	+ve	Salmonella spp	-ve		+ve	Salmonella spp	+ve	Salmonella spp
1133	+ve	Group C	+ve	Group B	-ve		+ve	Group B	+ve	Group D
1143	+ve	Group C	+ve	Group B	-ve		+ve	Group B	+ve	Group D
1145	IC	Detected	IC	Detected		not detected	IC	Detected	IC	Detected
1158	+ve	S. Infantis	+ve	S. Typhimurium	-ve	-	+ve	S. Typhimurium	+ve	S. Enteritidis
1212	+ve	C/barreily	+ve	B / typhimurium	-ve		+ve	B/typhimurium	+ve	D/enteritidis
1218	+ve	S. Infantis	+ve	S. Typhimurium	-ve		+ve	S. Typhimurium	+ve	S. Enteritidis
1235	+ve		+ve		-ve		+ve		+ve	
1246	+ve	S.Infantis	+ve	S.Typhimurium	-ve		+ve	S.Typhimurium	+ve	S.Enteritidis
1248	+ve	S Infantis	+ve	S Typhimurium	-ve		+ve	S Typhimurium	+ve	S Essen
1327	+ve		+ve		+ve		+ve		+ve	
1349	+ve	s.infantis	+ve		-ve		+ve		+ve	
1382	+ve	Salmonella spp.	+ve	S. Typhimurium	-ve	-	+ve	S. Typhimurium	+ve	S. Enteritidis
1387	+ve	Group C1	+ve	Group B	-ve		+ve	Group B	+ve	Group D
1411	Nil Return									
1436	+ve	S.Infantis	+ve	S.Typhimurium	+ve	S.Typhimurium	+ve	S.Typhimurium	+ve	S.Enteritidis
1495	+ve	S.infantis	+ve	S.Typhimurium	-ve		+ve	S.Typhimurium	+ve	S.Essen
1559	+ve	S.Infantis	+ve	S. typhimurium	-ve	Negative	+ve	S.typhimurium	+ve	S.enteritidis
1597	+ve	Salmonella spp	+ve	Salmonella spp	-ve	-	+ve	Salmonella spp	+ve	Salmonella O:9
1626	+ve		+ve		-ve		+ve		+ve	
1647	+ve	S. infantis	+ve	S. typhimurium	-ve	non detected	+ve	S. typhimurium	+ve	S. enteritidis
1650	+ve	C/ S. Infantis	+ve	B/S.Typhimurium	-ve	Negative	+ve	B/S.Typhimurium	+ve	D/S.Enteritidis
1654	+ve	Group C	+ve	Group B	-ve	N/A	+ve	Group B	+ve	Group D
1673	Nil Return									
1675	+ve	Group C	+ve	Group B	-ve		+ve	Group B	+ve	Group D
1685	+ve	Salmonella spp	+ve	Salmonella spp	-ve		+ve	Salmonella spp	+ve	Salmonella spp
1714	+ve	S. Infantis	+ve	S. Typhimurium	-ve		+ve	S. Typhimurium	+ve	S. Enteritidis
1770	+ve	C	+ve	B	-ve		+ve	B	+ve	D
1773	+ve	C	+ve	B/Typhimurium	-ve		+ve	B/Typhimurium	+ve	D/Enteritidis
1833	+ve	S. infantis	+ve	S. typhimurium	-ve		+ve	S. typhimurium	+ve	S. essen

Culture	10/1307		10/1308		10/1309		10/1310		10/1311	
	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	Positive - Group C		Positive - Group B		Negative		Positive - Group B		Positive - Group D	
	+ve	S Infantis	+ve	S Typhimurium	-ve		+ve	S Typhimurium	+ve	S Enteritidis
1853	+ve	S. Infantis	+ve	S. Typhimurium	-ve		+ve	S. Typhimurium	+ve	S. Enteritidis
1877	+ve	S. infantis	+ve	S. typhimurium	+ve	S. tyhimurium	+ve	S. tyhimurium	+ve	S. Essen
1884	+ve		+ve		-ve		+ve		+ve	
1930	+ve		+ve		-ve		+ve		+ve	
1947	+ve	S. Infantis	+ve	S. Typhimurium	-ve		+ve	S. Typhimurium	+ve	S. Enteritidis
2018	+ve	B S.Typhimurium	+ve	B S.Typhimurium	-ve		+ve	B S.Typhimurium	+ve	D S.Enteritidis
2072	Nil Return									
2077	+ve	C1/r/1,2or1,5	+ve	B/ i /1,2	-ve		+ve	B/i/1,2 or 1,6	+ve	D/g,m/-
2091	+ve		+ve		-ve		+ve		+ve	
2096	+ve	C	+ve	B	-ve		+ve	B	+ve	D
2098	+ve	GpC Infantis	+ve	GpB Typhimurium	-ve	No growth	+ve	GpB Typhimurium	+ve	GpD Enteritidis
2143	+ve	S. Infantis	+ve	S. Typhimurium	-ve		+ve	S. Typhimurium	+ve	S. Enteritidis
2146	+ve		+ve		-ve		+ve		+ve	
2161	+ve		+ve		-ve		+ve		+ve	
2167	+ve	S.Infantis	+ve	S.Typhimurium	-ve		+ve	S.Typhimurium	+ve	S.Enteritidis
2204	Nil Return									
2212	+ve	C	+ve	B	IC		+ve	B	+ve	D
2229	+ve	infantis	+ve	typhimurium	-ve		+ve	gloucester	+ve	enteritidis
2240	+ve	Infantis	+ve	Typhimurium	-ve		+ve	Typhimurium	+ve	Enteritidis
2254	+ve		+ve		-ve		+ve		+ve	
2258	+ve		+ve		-ve		+ve		+ve	
2274	+ve		+ve		-ve		+ve		+ve	
2280	+ve		+ve		+ve		+ve		+ve	
2291	+ve	Group C	+ve	Group C	-ve		+ve	Group C	+ve	Group D
2309	+ve		+ve		-ve		+ve		+ve	
2315	+ve	s.infantis	+ve	s.typhimurium	-ve	//	+ve	s.typhimurium	+ve	s.enteritidis
2326	+ve		+ve		-ve		+ve		+ve	
2361	+ve	SALMONELLA SPP	+ve	SALMONELLA SPP	-ve		+ve	SALMONELLA SPP	+ve	SALMONELLA SPP
2426	+ve	Group C	+ve	Group B	-ve		+ve	typhimurium	+ve	enteritidis
2455	+ve	-	+ve	-	-ve		+ve	-	+ve	-
2458	+ve	Salmonella spp	+ve	Salmonella spp	-ve		+ve	Salmonella spp	+ve	Salmonella spp
2472	-ve		+ve		-ve		+ve		+ve	
2482	+ve	S. Infantis	+ve	S. Typhimurium	-ve		+ve	S. Typhimurium	+ve	S. Enteritidis
2488	+ve		+ve		-ve		+ve		+ve	
2521		D.group C		D.group B		not detected		D.group B		D.group D
2568	+ve		+ve	O(4,5)	-ve		+ve	O(4,5)	+ve	O(9)
2581	+ve		+ve		-ve		+ve		+ve	
2628	+ve		+ve		+ve		+ve		+ve	
2633	+ve	Salmonella spp.	+ve	Salmonella spp.	-ve		+ve	Salmonella spp.	+ve	Salmonella spp.
2686	+ve		+ve		-ve		-ve		+ve	

Sample 10/1308 = 10/1310.

### Comments provided by Diane Dawson, Quality Assurance Unit Sutton Bonington

Samples were sent to 79 laboratories, 6 failed to return results leaving 73 participants.

Laboratory 1145 reported IC in the positive /negative box, and detected or not detected in the Salmonella Group/Type box for all samples. For future QA distributions can they please report as +ve in the first box if detected, and follow the example of the other labs in the tabulation.

Laboratory 1089 used abbreviations for Salmonella species eg S typhi for S Typhimurium-please be aware that abbreviations are confusing as S Typhi itself is a category 3 pathogen and causes Typhoid Fever. Please use name in full for future distributions.

**Sample 10/1307, Salmonella Infantis:** All labs except 1089 & 2472 reported as positive.

23 labs reported Salmonella Infantis, 16 reported as Group C. Lab 1212 reported Group C Salmonella Bareilly, and lab 2018 reported Group B Typhimurium.

**Sample 10/1308, Salmonella Typhimurium:** All labs reported as positive. 28 labs reported Salmonella Typhimurium ( 1 lab abbreviated to Typhi) and 12 labs reported as Group B. Lab 2291 reported Group C.

**Sample 10/1309, Negative:** 5 labs reported this sterile sample as positive (1327, 1436, 1877, 2280, 2628) and 1 lab (2212) reported as Inconclusive. 2 of these were reported as S Typhimurium so could have been cross contamination from other samples.

**Sample 10/1310 Salmonella Typhimurium:** All labs except 2686 reported as positive.

28 labs reported to Salmonella Typhimurium, 12 reported as Group B. Lab 2291 reported as +ve Group C and lab 2229 reported as Salmonella Gloucester.

**Sample 10/1311 Salmonella Enteritidis:** All labs reported as positive. 26 labs reported Salmonella Enteritidis, 14 labs reported as Group D or 0:9. 4 labs reported as Salmonella Essen.

Overall this was a good set of results with the majority of participants reporting the intended results for all samples.



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