

Results tabulation for 6307/BA PT0088: Salmonella in poultry

Distribution Date: 04/08/2009

Culture	09/1536		09/1537		09/1538		09/1539		09/1540	
	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 B		Positive - Group D		Positive - Group B		Positive - Group D		Negative- sterile	
	+ve	S typhimurium	+ve	S enteritidis	+ve	S typhimurium	+ve	S enteritidis	-ve	
1002	+ve	S. typhimurium	+ve	S. enteritidis	+ve	S. typhimurium	+ve	S. enteritidis	-ve	N/A
1007	+ve	B/ Typhimurium	+ve	D/Enteritidis	+ve	B/ Typhimurium	+ve	D/Enteritidis	-ve	
1056	Nil Return									
1067	+ve	S. Typhimurium	+ve	S. Enteritidis	+ve	S. Typhimurium	+ve	S. Enteritidis	-ve	
1089	-ve	Negative	+ve	S enteritidis	-ve	Negative	+ve	S enteritidis	-ve	Negative
1114	+ve	S. Typhimurium	+ve	S. Enteritidis	+ve	S. Typhimurium	+ve	S. Enteritidis	-ve	
1133	+ve	B	+ve	D	+ve	B	+ve	D	-ve	-
1143	+ve	Group B	+ve	Group D	+ve	Group B	+ve	Group D	-ve	
1212	Nil Return									
1218	+ve	S. Thyphimurium	+ve	S. Enteritidis	+ve	S. Thyphimurium	+ve	S. Enteritidis	-ve	
1246	+ve	S. Typhimurium	+ve	S. Enteritidis	+ve	S. Typhimurium	+ve	S. Enteritidis	-ve	
1248	+ve	Salmonella sp.	+ve	Salmonella sp.	-ve	Salmonella sp.	+ve	Salmonella sp.	-ve	
1368	+ve	-	+ve	-	+ve	-	+ve	-	-ve	-
1382	+ve		+ve		+ve		+ve		-ve	
1483	+ve	GROUP "B"	+ve	GROUP "D"	+ve	GROUP "B"	+ve	GROUP "D"	-ve	NEGATIVE
1487	+ve	B / Typhimurium	+ve	D / Enteritidis	+ve	B / Typhimurium	+ve	D / Enteritidis	-ve	
1495	Nil Return									
1597	+ve	Salmonella spp	+ve	Salmonella spp	+ve	Salmonella spp	+ve	Salmonella spp	-ve	-
1626	+ve		+ve		+ve		+ve		-ve	
1642		Detected		Detected		Detected		Detected		Not Detected
1654	+ve	Group B	+ve	Group D	+ve	Group B	+ve	Group D	-ve	
1675	+ve	Group B	+ve	Group D	+ve	Group B	+ve	Group D	-ve	
1685	+ve	Salmonella spp	+ve	Salmonella spp	+ve	Salmonella spp	+ve	Salmonella spp	-ve	
1700	+ve	S.TYPHIMURIUM	+ve	S. ENTERITIDIS	+ve	S.TYPHIMURIUM	+ve	S. ENTERITIDIS	-ve	NEGATIVO
1714	+ve	S. typhimurium	+ve	S: enteritidis	+ve	S. typhimurium	+ve	S. enteritidis	-ve	
1733	+ve		+ve		+ve		+ve		-ve	
1833	+ve	Salmonella sp.	+ve	Salmonella sp.	+ve	Salmonella sp.	+ve	Salmonella sp.	-ve	Negative
1853	+ve	S. Typhimurium	+ve	S. Enteritidis	-ve	Not found	+ve	S. Enteritidis	-ve	No growth
1877	+ve	Salmonella spp.	+ve	Salmonella spp.	+ve	Salmonella spp.	+ve	Salmonella spp.	-ve	sterile
1884	+ve	S. Typhimurium	+ve	S. Enteritidis	+ve	S. Typhimurium	+ve	S. Enteritidis	-ve	
1930	+ve		+ve		+ve		+ve		-ve	
1952	+ve	Typhimurium	+ve	Enteritidis	+ve	Typhimurium	+ve	Enteritidis	-ve	
2072	+ve		+ve		+ve		+ve		+ve	
2091	+ve		+ve		+ve		-ve		-ve	
2098	+ve	TYPHIMURIUM	+ve	ENTERITIDIS	+ve	TYPHIMURIUM	+ve	ENTERITIDIS	-ve	NO GROWTH
2131	+ve	Salmonella O-5	+ve	Salmonella O-9	+ve	Salmonella O-5	+ve	Salmonella O-9	-ve	Not detected
2146	+ve		+ve		+ve		+ve		-ve	
2167	+ve	S. grupo B	+ve	S. Enteritidis	+ve	S. grupo B		S. Enteritidis	+ve	S. Enteritidis

Culture	09/1536		09/1537		09/1538		09/1539		09/1540	
	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 B		Positive - Group D		Positive - Group B		Positive - Group D		Negative- sterile	
	+ve	S typhimurium	+ve	S enteritidis	+ve	S typhimurium	+ve	S enteritidis	-ve	
2291	+ve	Group B	+ve	Group D	+ve	Group B	+ve	Group D	-ve	
2315	+ve	S.typhimurium	+ve	S.Enteritidis	+ve	S.typhimurium	+ve	s.Enteritidis	-ve	//
2369	+ve	Salmonella B	+ve	Salmonella D	+ve	Salmonella B	+ve	Salmonella D	-ve	
2458	+ve	Salmonella spp	+ve	Salmonella spp	+ve	Salmonella spp	+ve	Salmonella spp	-ve	

Sample 09/1537 = 09/1539

Comments provided by Diane Dawson, Quality Assurance Unit Sutton Bonington

Samples were sent to 42 laboratories , 3 failed to return results leaving 39 participants in this round.

Overall the results were very good with most laboratories reporting as intended, the exceptions to this are listed below:

Sample 09/1536 was reported negative by lab 1089- this was a pure sample of S typhimurium.

Sample 09/1538 was reported negative by labs 1089 & 1853- this was a mixed culture of low level Salmonella typhimurium with E coli and Pseudomonas aeruginosa.

Lab 1248 reported as negative in the interpretation column, but Salmonella sp in the Salmonella Group/type column which was correct, so a slip when entering the interpretation result.

Sample 09/1539 was reported negative by lab 2091- this was a mixed culture of a higher level of S enteritidis with E coli and Pseudomonas aeruginosa; it was also a duplicate of sample 09/1537 which was reported correctly by the lab.

Sample 09/1540 , a sterile sample, was reported positive by labs 2072 & 2167. This would appear to be a cross contamination problem especially as lab 2167 reported S enteritidis, the same serotype as the previous sample 09/1539.

The same panel of samples was also issued to 33 other laboratories in another QA distribution and all reported correct results for every sample.



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