

**Proficiency testing for veterinary laboratories**
**Results tabulation for 6180/BA PT0088: Salmonella in poultry**
**Distribution Date: 01/05/2009**

Culture	09/1307		09/1308		09/1309		09/1310		09/1311	
	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	Negative - Sterile		Positive - Group D		Positive - Group B		Negative - Sterile		Positive - Group B	
	-ve		+ve	S enteritidis	+ve	S typhimurium	-ve		+ve	S typhimurium
1002	-ve	N/A	+ve	S Enteritidis	+ve	S Typhimurium	-ve	N/A	+ve	S Typhimurium
1007	-ve	negative	+ve	S. Enteritidis	+ve	S. Typhimurium	-ve	negative	+ve	S. Typhimurium
1067	-ve		+ve	S.Enteritidis	+ve	S.Typhimurium	-ve		+ve	S.Typhimurium
1089	-ve	Negativo	+ve	Salmonela	+ve	Salmonela	-ve	Negativo	+ve	Salmonela
1114	-ve		+ve	S. Enteritidis	+ve	S. Typhimurium	-ve		+ve	S. Typhimurium
1133	-ve		+ve	Gp D	+ve	Gp B	-ve		+ve	Gp B
1143	-ve	Negative	+ve	Group D	+ve	Group B	-ve	Negative	+ve	Group B
1212	Nil Return									
1246	-ve		+ve	S.Enteritidis	+ve	S.Typhimurium	-ve		+ve	S.Typhimurium
1248	-ve		+ve	Salmonella sp.	+ve	Salmonella sp.	-ve		+ve	Salmonella sp.
1250	-ve	sterile	+ve	S. Enteritidis	+ve	S. Typhimurium	-ve	sterile	+ve	S. Typhimurium
1382	-ve	-	+ve	S.Enteritidis	+ve	S.Typhimurium	-ve	-	+ve	S.Typhimurium
1483	-ve	Sterile	+ve	Group D	+ve	Group B	+ve	Group B	+ve	Group B
1487	-ve		+ve	D / Enteritidis	+ve	B / Typhimurium	-ve		+ve	B / Typhimurium
1495	-ve		+ve	S. Entiritidis	+ve	S. Typhimurium	-ve		+ve	S. Typhimurium
1597	-ve	-	+ve	D	+ve	poly A	-ve	-	+ve	poly A
1626	+ve		IC		+ve		-ve		+ve	
1650	-ve	Negative	+ve	D-S.Enteritidis	+ve	B-S.Typhimurium	+ve	D-S.Enteritidis	+ve	B-S.Typhimurium
1654	-ve	n/a	+ve	D	+ve	B	-ve	n/a	+ve	B
1675	-ve		+ve	Group D	+ve	Group B	-ve		+ve	Group B
1685	-ve		+ve	Salmonella spp	+ve	Salmonella spp	-ve		+ve	Salmonella spp
1700	-ve	NEGATIVE	+ve	S. ENTERITIDIS	+ve	S. TYPHIMURIUM	-ve	NEGATIVE	+ve	S. TYPHIMURIUM
1714	-ve	no growth	+ve	S. enteritidis	+ve	S. typhimurium	-ve	no growth	+ve	S. typhimurium
1769	-ve		+ve	S. Enteritidis	+ve	S. Typhimurium	+ve	S. Typhimurium	+ve	S. Typhimurium
1833	-ve		+ve	Salmonella sp.	+ve	Salmonella sp.	-ve		+ve	Salmonella sp.
1853	-ve	No growth	+ve	S. Enteritidis	+ve	S. Typhimurium	-ve	Not found	+ve	S. Typhimurium
1877	-ve		+ve	Salmonella spp.	+ve	Salmonella spp.	-ve		+ve	Salmonella spp.
1884	-ve		+ve	S. enteritidis	+ve	S. typhimurium	-ve		+ve	S. typhimurium
1930	-ve		+ve		+ve		-ve		+ve	
1952	-ve		+ve	Enteritidis	+ve	Typhimurium	-ve		+ve	Typhimurium
1957	-ve		+ve	D	+ve	B	+ve	B	+ve	B
2072	IC		+ve		+ve		IC		+ve	
2091	-ve		+ve		+ve		-ve		+ve	
2098	-ve	No Growth	+ve	Enteritidis	+ve	Typhimurium	-ve	No Growth	+ve	Typhimurium
2131	-ve	Not detected	+ve	Salmonella O-9	+ve	Salmonella O-5	-ve	Sterile	+ve	Salmonella O-5
2146	-ve		+ve		+ve		-ve		+ve	
2167	-ve		+ve	enteritidis	+ve	typhimurium	-ve		+ve	typhimurium
2291	-ve		+ve	Group D	+ve	Group B	-ve		+ve	Group B
2315	-ve	//	+ve	S.enteritidis	+ve	S.typhimurium	-ve	//	+ve	S.typhimurium

Culture	09/1307		09/1308		09/1309		09/1310		09/1311	
	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	Negative - Sterile		Positive - Group D		Positive - Group B		Negative - Sterile		Positive - Group B	
2458	-ve		+ve	S enteritidis	+ve	S typhimurium	-ve		+ve	S typhimurium
	IC		+ve	Salmonella spp.	+ve	Salmonella spp.	-ve		+ve	Salmonella spp.

Sample 09/1307 = 09/1310; sample 09/1309 = 09/1311.

### Test Consultant's Comments - Provided by Diane Dawson, Quality Assurance Unit Sutton Bonington

Samples were sent to 40 participants and 39 returned results.

The three positive samples were reported as intended by all except lab 1626 who reported 09/1308 as Inconclusive.

The two sterile samples appeared to cause the most problems with 09/1307 reported positive by lab 1626, and inconclusive by labs 2072 and 2458; sample 09/1310 was reported positive by labs 1483,1650,1769 and 1957 and inconclusive by lab 2072 but overall this is still 89% reporting positive as intended.

Overall a good set of results but some labs may need to review procedures as carryover may have caused the false positive results.



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Version: 04/04/2008

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 Authorised: 02/06/2009