

**Proficiency testing for veterinary laboratories**
**Results tabulation for 7026/BA PT0088: Salmonella in poultry**
**Distribution Date: 01/02/2011**

Culture	11/1175			11/1176		11/1177			11/1178		11/1179	
	Interpretation (+ve/-ve/IC)	Salmonella Group/Type	Assessment Comment	Overall Score	Interpretation (+ve/-ve/IC)	Salmonella Group/Type	Assessment Comment	Overall Score	Interpretation (+ve/-ve/IC)	Salmonella Group/Type		
Intended	Positive Group G		Negative		Positive Group B		Positive Group G		Negative			
	+ve	S Kedougou	-ve		+ve	S Typhimurium	+ve	S Kedougou	-ve			
1002	+ve	S. Kedougou	-ve		+ve	S. Typhimurium	+ve	S. Kedougou	-ve			
1050	+ve		-ve		+ve		+ve		-ve			
1067	+ve	S. Kedougou	-ve		+ve	S. Typhimurium	+ve	S. Kedougou	-ve			
1076	+ve	Group G	+ve	Group G	+ve	B/S.Typhimurium	+ve	Group G	-ve			
1089	+ve		-ve		+ve		+ve		-ve			
1114	+ve	S. Kedougou	-ve		+ve	S. Typhimurium	+ve	S. Kedougou	-ve			
1115	+ve		-ve		+ve		+ve		-ve			
1125	+ve		-ve		+ve	GROUP B	+ve		-ve			
1127	+ve				+ve		+ve					
1133	+ve	Group G	-ve		+ve	Group B	+ve	Group G	-ve			
1143	+ve	Group G	-ve	NEGATIVE	+ve	Group B	+ve	Group G	-ve	NEGATIVE		
1158	+ve	S. Kedougou	-ve	-	+ve	S. Typhimurium	+ve	S. Kedougou	-ve	-		
1187	+ve		-ve		+ve		+ve		-ve			
1212	Nil Return											
1218	+ve	S. Kedougou	-ve		+ve	S. Typhimurium	+ve	S. Kedougou	+ve	S. Kedougou		
1235	+ve		-ve		-ve		+ve		-ve			
1246	+ve	S. Kedougou	-ve		+ve	S.Typhimurium	+ve	S.Kedougou	-ve			
1248	+ve		-ve		+ve		+ve		-ve			
1340	+ve	E or G	-ve		+ve	B	+ve	E or G	-ve			
1349	+ve	S. kedougou	-ve		+ve	S. typhimurium	+ve	S. kedougou	-ve			
1368	+ve	E&G	-ve		+ve	B	+ve	E&G	-ve			
1382	+ve	Poly O1 +ve	-ve		+ve	S. Typhimurium	+ve	Poly O1 +ve	-ve			
1387	+ve	B/D/C1/C2C3 -ve	-ve		+ve	Group B	+ve	B/D/C1/C2C3 -ve	+ve	Group B		
1436	IC	S. Kedougou	-ve		+ve	S. Typhimurium	+ve	S. Kedougou	-ve			
1495	+ve	S. Kedougou	-ve		+ve	S. Typhimurium	+ve	S. Kedougou	-ve			
1559	+ve	Salm group F-67	-ve		+ve	S.Typhimurium	+ve	Salm group F-67	-ve			
1597	+ve	poly A	-ve		+ve	poly A	+ve	poly A	-ve			
1626	+ve		-ve		+ve		+ve		-ve			
1627	+ve	Salmonella spp.	-ve		+ve	Salmonella spp.	+ve	Salmonella spp.	-ve			
1638	+ve	N/A	-ve	N/A	+ve	N/A	+ve	N/A	-ve	N/A		
1642	+ve	O:13 S.Kedougou	-ve	-	+ve	O:4 Typhimurium	+ve	Salmonella spp.	-ve	-		
1647	Nil Return											
1654	+ve	Group C	-ve		+ve	Group B	+ve	Group C	-ve			
1673	+ve	nd	-ve	nd	+ve	nd	+ve	nd	-ve	nd		
1675	+ve	Salmonella spp	-ve	Negative	+ve	Gp B Salmonella	+ve	Salmonella spp	-ve	Negative		
1685	+ve		-ve		+ve		+ve		-ve			

Culture	11/1175		11/1176		11/1177		11/1178		11/1179	
	Interpretation (+ve/-ve/IC)	Salmonella Group/Type	Assessment Comment	Overall Score	Interpretation (+ve/-ve/IC)	Salmonella Group/Type	Assessment Comment	Overall Score	Interpretation (+ve/-ve/IC)	Salmonella Group/Type
Intended	Positive Group G		Negative		Positive Group B		Positive Group G		Negative	
	+ve	S Kedougou	-ve		+ve	S Typhimurium	+ve	S Kedougou	-ve	
1700	+ve	S kedougou	-ve		+ve	S typhimurium	+ve	S kedougou	-ve	
1770	+ve	II (F-67)	-ve		+ve	B S.t.	+ve	II (F-67)	-ve	
1833	+ve	S. Kendougou	-ve		+ve	S. Typhimurium	+ve	S. Kendougou	-ve	
1853	+ve	G S.Kedougou	-ve		+ve	B S.Typhimurium	+ve	G S.Kedougou	-ve	
1877	+ve	Kedougou	-ve		+ve	Typhimurium	+ve	Kedougou	-ve	
1882	+ve	Salmonella OMA+	-ve		+ve	Group O:4,5(B)	+ve	Salmonella OMA+	-ve	
1884	+ve		-ve		+ve	Group B	+ve		-ve	
1930	+ve		-ve		+ve		+ve		-ve	
1944	Nil Return									
1947	+ve	Group G	-ve		+ve		+ve	Group G	-ve	Typhimurium
2011	+ve		+ve		+ve		+ve		-ve	
2053	+ve	Salmonella spp	-ve		+ve	Salmonella spp	+ve	Salmonella spp	-ve	
2072	+ve		-ve		+ve		+ve		-ve	
2096	+ve	E of G	-ve		+ve	B	+ve	E of G	-ve	
2098	+ve	Kedougou	-ve	no growth	+ve	Typhimurium	+ve	Kedougou	-ve	no growth
2143	+ve	S. Kedoudou	-ve		+ve	S. Typhimurium	+ve	S. Kedougou	-ve	
2158	+ve		-ve		+ve		+ve		-ve	
2167	+ve	S.Kedougou	-ve		+ve	S. Typhimurium	+ve	S.Kedougou	-ve	
2204	+ve		-ve		+ve		+ve		-ve	
2212	+ve	salmonella spp.	-ve		+ve	salmonella spp,	+ve	salmonella spp.	-ve	
2229	+ve		-ve		+ve		+ve		-ve	
2240	+ve		-ve		+ve		+ve		-ve	
2258	+ve		+ve		+ve		+ve		-ve	
2274	+ve	S.typhimurium	-ve		+ve	S.typhimurium	+ve	S.typhimurium	-ve	
2291	+ve	Salmonella spp	-ve		+ve	Group B	+ve	Salmonella spp	-ve	
2315	+ve	S.Kedougou	-ve	//	+ve	S.Typhimurium	+ve	S.Kedougou	-ve	//
2326	+ve		-ve		+ve		+ve		-ve	
2356	+ve		-ve		+ve		+ve		-ve	
2369	+ve	Salmonella spp.	-ve	Sterile	+ve	Salmonella "B"	+ve	Salmonella spp.	-ve	Sterile
2426	+ve	A t/m 67	-ve		+ve	A t/m E	+ve	A t/m 67	-ve	
2455	+ve		-ve		+ve		+ve		-ve	
2458	+ve	Salmonella spp	-ve		+ve	Salmonella spp	+ve	Salmonella spp	-ve	
2472	+ve		-ve		+ve		+ve		-ve	
2521	+ve	D.gr.A-I	-ve	Not detected	+ve	D.gr.B	+ve	D.gr.A-I	-ve	Not detected
2570	+ve	spp	-ve		+ve	B/typhimurium	+ve	spp	-ve	
2573	+ve		-ve		+ve	Group B	+ve		-ve	
2628	Nil Return									
2639	+ve	Salmonella spp	-ve		+ve	Salmonella spp	+ve	Salmonella spp	-ve	
2659	+ve		-ve		+ve		+ve		-ve	
2680	+ve		-ve		+ve	Typhimurium	+ve		-ve	

Sample 11/1175 = 11/1178, sample 11/1176 = 11/1179.

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

Samples were sent to 76 laboratories and 72 returned results. Labs 1212, 1647\*,1944 and 2628 were Nil Returns.

**Sample 11/1175:** Pure Salmonella Kedougou was reported as positive by all except lab 1436 who reported IC for Inconclusive in the Interpretation column yet typed as S Kedougou. The majority of labs who reported to Group level correctly typed as Group G apart from lab 1368 who reported E, 1340 and 2096 reported E or G, 1654 reported C, 2521 reported A -I and 2274 reported S Typhimurium.

**Sample 11/1176:** This sterile sample was reported correctly as negative by all except labs 1076, 2011 and 2258.

**Sample 11/1177:** Pure Salmonella Typhimurium was reported positive by all except lab 1235.

**Sample 11/1178:** This duplicate of 11/1175 was reported as positive by all labs.

**Sample 11/1179:** This duplicate of 11/1176 was reported correctly as negative by all except labs 1218, 1387 and 1947. Lab 1947 reported as negative in the Interpretation column but as Typhimurium in the Group/Type column.

Any positive *Salmonella* reported from 11/1176 or 11/1179 must have been due to cross contamination from other samples in the panel as these 2 samples were sterile.

Overall a good set of results from the majority of participants with 65/72 labs reporting correctly as positive or negative ie 91%.

**Additional comment :** \*Lab 1647 submitted their results after the deadline date so were too late for inclusion in the tabulation but their results were correct in terms of positive and negative and they reported 11/1177 as S Typhimurium.

### Bar charts show the frequency of assessment scores for Tests



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