

**Proficiency testing for veterinary laboratories**
**Results tabulation for 6787/BA PT0088: Salmonella in poultry**
**Distribution Date: 03/08/2010**

Culture	10/1636		10/1637		10/1638		10/1639		10/1640	
	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 D		Positive Group C		Positive Group B		Positive Group D		Negative	
	+ve	S Enteritidis	+ve	S Hadar	+ve	S Typhimurium	+ve	S Enteritidis	-ve	
1002	+ve	S.Enteritidis	+ve	S.Hadar	+ve	S.Typhimurium	+ve	S.Enteritidis	-ve	
1050	+ve		+ve		+ve		+ve		-ve	
1067	+ve	Enteritidis	+ve	Hadar	+ve	Typhimurium	+ve	Enteritidis	-ve	
1076	+ve	D S.enteritidis	-ve		+ve	B S.typhimurium	+ve	D S.enteritidis	-ve	
1089	+ve		+ve		+ve		+ve		-ve	
1114	+ve	S. Enteritidis	+ve	S. Hadar	+ve	S. Typhimurium	+ve	S. Enteritidis	-ve	
1115	+ve		+ve		+ve		+ve		-ve	
1125	+ve	D1 (1,9,12)	+ve	C2 (6,8)	+ve	B (1,4,5,12)	+ve	D1(1,9,12)	-ve	
1127	+ve	S.enteritidis	+ve	Group C	+ve	S.typhimurium	+ve	S.enteritidis	-ve	
1133	+ve	Group D	+ve	Group C	+ve	Group B	+ve	Group B	-ve	-
1143	+ve	Group D	+ve	Group C	+ve	Group B	+ve	Group D	-ve	NEGATIVE
1158	+ve	S. Enteritidis	+ve	S. Hadar	+ve	S. Typhimurium	+ve	S. Enteritidis	-ve	
1187	+ve		+ve		+ve		+ve		-ve	
1212	+ve	D / enteritidis	+ve	C / infantis	+ve	B / typhimurium	+ve	D / enteritidis	-ve	Sterile
1218	+ve	S. Enteritidis	+ve	S. Hadar	+ve	S. Typhimurium	+ve	S. Enteritidis	-ve	
1235	+ve		+ve		+ve		+ve		-ve	
1246	+ve	S.Enteritidis	+ve	S.Hadar	+ve	S.Typhimurium	+ve	S.Enteritidis	-ve	
1248	+ve	S. Enteritidis	+ve	S. Hadar	+ve	S. Typimurium	+ve	S.Enteritidis	-ve	
1349	+ve	S.enteritidis	+ve	S.hadar	+ve	S.typhimurium	+ve	S.enteritidis	-ve	
1368	+ve	D	+ve	C	+ve	B	+ve	D	-ve	0
1382	+ve	S. Enteritidis	+ve	Salmonella spp.	+ve	S. Typhimurium	+ve	S. Enteritidis	-ve	-
1387	+ve	Group D	+ve	Group D	+ve	Group B	+ve	Group D	-ve	
1436	+ve	S.Enteritidis	+ve	S. Hadar	+ve	S. Paratyphi B	+ve	S.Enteritidis	-ve	
1483	+ve	Group-D	+ve	Group-C	+ve	Group-B	+ve	Group-D	-ve	Sterile
1495	+ve	S. Enteritidis	+ve	S. Hadar	+ve	S. Typhimurium	+ve	S. Enteritidis	-ve	
1559		S. enteritidis		S. hadar		S. typhymurium		S. enteritidis		negative
1597	+ve	Group D	+ve	Salmonella spp	+ve	Salmonella spp	+ve	Group D	-ve	-
1626	+ve		+ve		+ve		-ve		-ve	
1627	+ve	Salmonella spp.	+ve	Salmonella spp.	+ve	Salmonella spp.	+ve	Salmonella spp.	-ve	
1638	+ve		+ve		+ve		+ve		-ve	
1647	Nil Return									
1654	+ve	Group D	+ve	Group C	+ve	Group B	+ve	Group D	-ve	N/A
1673	+ve	nd	+ve	nd	+ve	nd	+ve	nd	-ve	nd
1675	+ve	D	+ve	C	+ve	B	+ve	D	-ve	

Culture	10/1636		10/1637		10/1638		10/1639		10/1640	
	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 D		Positive Group C		Positive Group B		Positive Group D		Negative	
	+ve	S Enteritidis	+ve	S Hadar	+ve	S Typhimurium	+ve	S Enteritidis	-ve	
1685	+ve	Salmonella spp.	+ve	Salmonella spp	+ve	Salmonella spp.	+ve	Salmonella spp.	-ve	
1700	+ve	S.Enteritidis	+ve	S.Hadar	+ve	S.Typhimurium	+ve	S.Enteritidis		negative
1733	+ve		+ve		+ve		+ve		+ve	
1770	+ve	S. enteritidis	+ve	S. hadar	+ve	S. typhimurium	+ve	S. enteritidis	-ve	
1833	+ve	S. Enteritidis	-ve		+ve	S.Typhimurium	+ve	S. Enteritidis	-ve	
1853	+ve	D Enteritidis	+ve	C Hadar	+ve	B Typhimurium	+ve	D Enteritidis	-ve	
1877	+ve	S. enteritidis	+ve	S. Hadar	+ve	S. Typhimurium	+ve	S. enteritidis	-ve	
1884	+ve		+ve		+ve		+ve		-ve	
1930	+ve		+ve		+ve		+ve		-ve	
1944	+ve	D	+ve	C	+ve	B/typhimurium	+ve	D	-ve	
1947	+ve	S. Enteritidis	+ve	S. Hadar	+ve	S. Typhimurium	+ve	S. Enteritidis	-ve	
2072	+ve		+ve		+ve		+ve		-ve	
2096	+ve	D	+ve	C	+ve	B	+ve	D	-ve	
2098	+ve	D/ Enteritidis	+ve	C2/Hadar	+ve	B/Typhimurium	+ve	D/Enteritidis	-ve	No Growth
2143	+ve	S. Enteritidis	+ve	S. Hadar	+ve	S. Typhimurium	+ve	S. Enteritidis	-ve	
2167	+ve	S. Enteritidis	-ve		+ve	S. Typhimurium	+ve	S. Enteritidis	-ve	
2204	+ve		+ve		+ve		+ve		-ve	
2212	+ve	Gr. D	+ve	Gr. C	+ve	Gr. B	+ve	Gr. D	-ve	
2229	+ve	S. Enteritidis	+ve	S. Hadar	+ve	S. Typhimurium	+ve	S. Enteritidis	+ve	S. Hadar
2240	+ve		+ve		+ve		+ve		-ve	
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 D	+ve	Group C	+ve	Group B	+ve	Group D	-ve	
2315	+ve	S.Enteritidis	+ve	S.Hadar	+ve	S.Typhimurium	+ve	S.Enteritidis	-ve	//
2326	+ve		+ve		+ve		+ve		-ve	
2426	+ve	Group D	+ve	Group A t/m E	+ve	Group B	+ve	Group D	-ve	
2455	+ve		+ve		+ve		+ve		-ve	
2458	+ve	Salmonella spp	+ve	Salmonella spp	+ve	Salmonella spp	+ve	Salmonella spp	-ve	
2472	+ve		+ve		+ve		+ve		-ve	
2521	+ve	D. group D	+ve	D. group C	+ve	D. group B	+ve	D. group D	-ve	not detected
2628	+ve		+ve		+ve		-ve		-ve	
2639	+ve		+ve		+ve		+ve		-ve	
2680	+ve	Enteritidis	-ve		+ve	1,4,5,12: i: -	+ve	Enteritidis	-ve	

Sample 10/1636 = 10/1639.

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

Samples were issued to 69 laboratories and 68 returned results; lab 1647 was a Nil Return.

**Sample 10/1636 (S Enteritidis):** reported correctly by all.

**Sample 10/1637 ( S Hadar):** reported negative by 4 laboratories: 1076, 1833, 2167 & 2680. Lab 1212 reported the correct Group, C, but incorrect serotype, *Infantis*. 2 laboratories, 1387 & 2426 reported incorrect Groups :1387 reported D and 2426 reported A.

**Sample 10/1638 (S Typhimurium):** reported correctly by all except lab 1436 who reported as S Paratyphi B. This organism is a serotype of *Salmonella enterica* which is an agent of Paratyphoid Fever in humans. It is currently classified as a Category 3 organism under ACDP, and so would not be included in a QA round.

**Sample 10/1639 (S Enteritidis):** a duplicate of 10/1636, was reported correctly by all except labs 1626 & 2628 who reported as negative, and lab 1133 who reported as Group B.

**Sample 10/1640 (negative):** reported as negative by all except labs 1733 & 2229. The latter reported as S Hadar.



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Version: 19/04/2010

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Authorised: 08/09/2010