



Proficiency testing for veterinary laboratories

Distribution Date: 05/11/2013

Results tabulation for 11294/BA PT0088: Salmonella in poultry

Culture	13/1899		13/1900		13/1901		13/1902		13/1903	
	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	Yersinia pseudotuberculosis		Salmonella Virchow (approx 400 cfu per vial)		Salmonella Dublin (approx 2 x 10 ³ cfu per vial)		Citrobacter youngae		Salmonella Virchow (approx 400 cfu per vial)	
	-ve		+ve	Group C	+ve	Group D	-ve		+ve	Group C
1002	-ve		+ve	Virchow	+ve	Enteritidis	-ve		+ve	Virchow
1056	-ve	sterile	+ve	C1/Virchow	+ve	D1	-ve		+ve	C1/Virchow
1076	-ve		+ve	C, S.infantis	+ve	D, S.dublin	-ve	C.freundii	+ve	C, S.infantis
1089	-ve		+ve		+ve		-ve		+ve	
1114	-ve		+ve	Group C1	+ve	Group D1	-ve		+ve	Group C1
1115	-ve		+ve		+ve		-ve		+ve	
1125	Nil Return									
1127	-ve		+ve	Group C1	+ve	Group D	-ve		+ve	Group C1
1133	-ve		+ve	Group C	+ve	Group D	-ve		+ve	Group C
1143	-ve	Negative	+ve	Group C	+ve	Group D	-ve	Negative	+ve	Group C
1156	-ve		+ve		+ve		-ve		+ve	
1157	-ve	Not Conducted	+ve	Not Gp. B or D	+ve	Salm. (Gp. D)	-ve	Not Conducted	+ve	Not Gp. B or D
1158	-ve		+ve	S. Virchow	-ve		+ve	S+, groep D	+ve	S. Virchow
1198	-ve		+ve	Group C1	+ve	Group D	-ve		+ve	Group C1
1217	-ve		+ve	O:7 (C1)	+ve	O:9 (D1)	-ve		+ve	O:7 (C1)
1218	-ve		+ve		+ve		-ve		+ve	
1235	-ve		+ve		+ve		-ve		+ve	
1246	-ve		+ve	S. Virchow	+ve	S. Dublin	-ve		+ve	S. Virchow
1248	-ve		+ve	S. Virchow	+ve	S. Dublin	-ve		+ve	S. Virchow
1250	-ve		+ve	S. Virchow	+ve	S. Dublin	-ve		+ve	S. Virchow
1274	Nil Return									
1318	-ve		+ve	C	+ve	D	-ve		+ve	C
1340	-ve		+ve	Group C	+ve	Group D	-ve		+ve	Group C
1349	-ve		+ve	S.infantis	+ve	S.Enteritidis	-ve		+ve	S.infantis
1374	-ve		+ve	S.virchow	+ve	S.dublin	-ve		+ve	S.virchow
1382	-ve		+ve	Salmonella spp.	+ve	Salmonella spp.	-ve		+ve	Salmonella spp.
1387	-ve		+ve	group C1	+ve	group D	-ve		+ve	group C1
1436	-ve		+ve	S. Virchow	+ve	S. Dublin	-ve		+ve	S.Virchow
1491	-ve		+ve		+ve		-ve		+ve	
1495	-ve		+ve	S. Virchow	+ve	S. Dublin	+ve	S. Viechow	-ve	
1521	-ve		+ve		+ve		-ve		+ve	
1536	-ve		+ve	"O" polyvalent	+ve	"O" polyvalent	-ve		+ve	"O" polyvalent
1559	-ve		+ve	S. group C	+ve	S. Dublin	-ve		+ve	S. Virchow
1597	-ve	-	+ve	-	+ve	-	-ve	-	+ve	-
1626	-ve		+ve		+ve		-ve		+ve	
1634	-ve		+ve	Salmonella spp	+ve	Salmonella spp	-ve		+ve	Salmonella spp
1638	-ve	n/a	+ve	Salmonell spp	+ve	Salmonella ch	-ve	n/a	+ve	Salmonella spp
1647	-ve		+ve	S. Virchow	+ve	ext. serotyping	-ve		+ve	S. Virchow
1650	-ve		+ve	C1/S.Infantis	+ve	D/S.Dublin	-ve		+ve	C1/S.Infantis
1654	-ve	N/A	+ve	Group C	+ve	Group D	-ve	N/A	+ve	Group C
1673	-ve		+ve		+ve		-ve		+ve	

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Intended	Yersinia pseudotuberculosis		Salmonella Virchow (approx 400 cfu per vial)		Salmonella Dublin (approx 2 x 10 ³ cfu per vial)		Citrobacter youngae		Salmonella Virchow (approx 400 cfu per vial)	
	-ve		+ve	Group C	+ve	Group D	-ve		+ve	Group C
1681	-ve		+ve	S. Virchow	+ve	S. Dublin	+ve	S. Dublin	+ve	S. Virchow
1685	-ve		+ve	Salmonella spp	+ve	Salmonella spp	-ve		+ve	Salmonella spp
1696	-ve		+ve		-ve		-ve		+ve	
1700		NEGATIVO		S.VIRCHOW		S.DUBLIN		NEGATIVO		S.VIRCHOW
1714	-ve		+ve	S. Virchow	+ve	S. Dublin	-ve	C. freundii	+ve	S. Virchow
1715	-ve		+ve		+ve		-ve		+ve	
1733	-ve		+ve		+ve		-ve		+ve	
1770	-ve		+ve	S. virchow	+ve	S. enteritidis	-ve	C. youngae	+ve	S. virchow
1812	-ve		+ve	Virchow	+ve	Dublin	-ve		+ve	Virchow
1853	-ve		+ve	S. Virchow	+ve	S. Dublin	-ve		+ve	S. Virchow
1877	-ve		+ve	Salmonella sp.	+ve	Salmonella sp.	-ve		+ve	Salmonella sp.
1882	-ve	-	+ve	Grpoup C	+ve	Group D	-ve	-	+ve	Group C
1884	-ve		+ve		+ve		-ve		+ve	
1894	+ve	salmonella spp.	+ve	salmonella spp.	+ve	salmonella spp.	-ve	--	+ve	salmonella spp.
1944	-ve		+ve	C	+ve	D	-ve		+ve	C
1947	-ve		+ve	S. Virchow	+ve	Hg+ external	-ve		+ve	S. Virchow
1977	-ve	Citrobacter	+ve	Group C1	+ve	Group D1	-ve	Citrobacter	+ve	Group C1
1980	-ve		+ve	s.virchow	+ve	s. dublin	-ve		+ve	s. virchow
2011	-ve		+ve		+ve		-ve		+ve	
2053	-ve		+ve	Salmonella spp	+ve	Salmonella spp	-ve		+ve	Salmonella spp
2070	-ve		+ve		+ve		-ve		+ve	
2072	Nil Return									
2096	-ve		+ve		+ve		-ve		+ve	
2098	-ve	Not Salmonella	-ve	No growth	-ve	No growth	-ve	Not Salmonella	-ve	No growth
2111	-ve		+ve	group C	+ve	group D	-ve		+ve	group C
2131	-ve	not detected	+ve	Virchow	+ve	O-9	-ve	not detected	+ve	O 6,7
2143	-ve		+ve	S. Virchow	+ve	S. Dublin	-ve		+ve	S. Virchow
2158	-ve		+ve		+ve		-ve		+ve	
2167	Nil Return									
2204	Nil Return									
2212	-ve		+ve	salmonella spp.	+ve	Salmonella spp	-ve		+ve	salmonella spp.
2229	-ve		+ve	S. Virchow	+ve	S. Dublin	-ve		+ve	S. Virchow
2240	-ve		+ve		+ve		-ve		+ve	
2258	-ve		+ve		-ve		-ve		+ve	
2274	-ve		+ve		+ve		-ve		+ve	
2326	-ve		+ve		+ve		-ve		+ve	
2356	-ve		+ve		-ve		-ve		+ve	
2364	-ve	-	+ve	C/-	+ve	D/S enteritidis	-ve	-	+ve	C/-
2386	-ve		+ve		+ve		-ve		+ve	
2412	-ve		+ve	Salmonella spp	+ve	S. group D	-ve		+ve	Salmonella spp
2426	-ve		+ve		+ve		-ve		+ve	
2455	-ve		+ve		+ve		-ve		+ve	
2458	-ve		+ve	Salmonella spp.	+ve	Salmonella spp.	-ve		+ve	Salmonella spp.
2472	-ve		+ve	S. virchow	+ve	O9 positive	-ve		+ve	S. virchow
2508	-ve		+ve		+ve		-ve		+ve	
2552	-ve		+ve		+ve		-ve		+ve	

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	-ve		+ve	Group C	+ve	Group D	-ve		+ve	Group C
2570	-ve		+ve	Groupe C	+ve	D/Enteritidis	-ve	C.youngae	+ve	Groupe C
2573	-ve		+ve		+ve		-ve		+ve	
2667	-ve	negative	+ve	Salmonella spp	+ve	Salmonella spp	-ve	C youngae	+ve	Salmonella spp
2670	-ve		+ve	Salmonella	+ve	Group D1 +ve	-ve		+ve	Salmonella
2689	-ve		+ve		+ve		-ve		+ve	
2726	-ve		+ve		+ve		-ve		+ve	
2755	-ve		+ve	C1,54	+ve	D	-ve		+ve	C1,54
2761	-ve		+ve		+ve		-ve		+ve	
2762	-ve		+ve		+ve		-ve		+ve	
2792	-ve		+ve	salmonella spp	+ve		-ve		+ve	salmonella spp
2823	-ve		+ve		+ve		-ve		+ve	
2872	-ve		+ve		+ve		-ve		+ve	
3015	-ve		+ve		+ve		-ve		+ve	

Intended results were determined using BPW into MSR/V agar.

Sample 13/1900 = 13/1903

Comments provided by Gordon Bennett, AHVLA Lasswade

Sample 13/1899 - Intended result negative.

All but one laboratory returned the expected interpretation result.

Lab 1894 returned an incorrect positive result.

Sample 13/1900 - Intended result Group C, Salmonella Virchow.

Laboratories 1076, 1349 and 1650 returned incorrect results of S. Infantis.

Lab 2098 failed to isolate salmonella.

All others returned the expected result.

Sample 13/1901 - Intended result Group D, Salmonella Dublin.

Laboratories 1158, 1696, 2098, 2258 and 2356 failed to isolate salmonella.

5 laboratories 1002, 1349, 1770, 2364 and 2570 returned an incorrect result of S. Enteritidis.

All others returned the expected result.

Sample 13/1902 - Intended result negative.

3 laboratories returned incorrect positive results:

1158 reported Positive, Group D Salmonella.

1495 reported Positive, S. Virchow.

Where both these laboratories could have made a transposition error?

1681 reported Positive, S. Dublin.

All other laboratories returned the expected negative result.

Sample 13/1903 - Intended result Group C, Salmonella Virchow.

Laboratories 1495 and 2098 failed to isolate salmonella.

All others returned correct positive results, however, 3 of these laboratories 1076, 1349 and 1650 returned an incorrect serotype result of S. Infantis as like with the duplicate sample 13/1900.



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