



Proficiency testing for veterinary laboratories

Distribution Date: 02/02/2016

Results tabulation for 12262/BA PT0088: Salmonella in poultry

Culture	16/1152		16/1153		16/1154		16/1155		16/1156	
	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	Salmonella Enteritidis (approx. 120,000 cfu per vial) + Citrobacter youngae		Yersinia pseudotuberculosis		Salmonella Montevideo (approx. 650 cfu per vial)		Salmonella Hadar (approx. 29,000 cfu per vial)		Citrobacter youngae + E coli	
	+ve	Group D	-ve	Negative	+ve	Group C	+ve	Group C	-ve	Negative
1002	+ve	Enteritidis	-ve	Negative	+ve	Montevideo	+ve	Hadar	-ve	Negative
1030	+ve	S.Enteritidis	-ve		+ve	Group C1	+ve	S. Hadar	-ve	
1067	+ve	S. Enteritidis	-ve		+ve	S. Montevideo	+ve	S. Hadar	-ve	
1076	+ve	S. enteritidis	-ve		+ve	S. montevideo	+ve	S. hadar	-ve	
1089	+ve		-ve		+ve		+ve		-ve	
1114	+ve	Group O:9 (D1)	-ve		+ve	Group O:7 (C1)	+ve	Gr. O:8 (C2-C3)	-ve	
1115	+ve	Enteritidis	-ve		+ve	Montevideo	+ve	Hadar	-ve	
1121	+ve	S. enteritidis	-ve		+ve	Salmonella spp.	+ve	S. hadar	-ve	
1125	+ve	S. ENTERITIDIS	-ve		+ve		+ve	S. HADAR	-ve	
1127	+ve	S enteritidis	-ve		+ve	C1	+ve	C2	-ve	
1133	+ve	D O9	-ve	NEGATIVE	+ve	C O6,7	+ve	C O6,7	-ve	NEGATIVE
1143	+ve	Group D	-ve		+ve	Group C1	+ve	Group C2	-ve	
1157	+ve	Salm. (Gp.D)	-ve		+ve	Salm. (Poly O)	+ve	Salm. (Poly O)	-ve	
1158	+ve	S. Enteritidis	-ve	-	+ve	S. Montevideo	+ve	S. Hadar	-ve	-
1198	Unable to test									
1217	+ve	O:9 (D1)	-ve		+ve	O:7 (C1)	+ve	O:8 (C2-C3)	-ve	
1220	+ve	Group D1	-ve	Negative	+ve	Group C1	+ve	Group C2	-ve	Negative
1235	+ve		-ve		+ve		+ve		-ve	
1246	+ve	S. Enteritidis	-ve		+ve	S. Montevideo	+ve	S. Hadar	-ve	
1318	+ve	D	-ve		+ve	C	+ve	C	-ve	
1340	+ve		-ve		+ve		+ve	Group C	-ve	
1349	+ve		-ve		+ve		+ve		-ve	
1382	+ve	S.Enteritidis	-ve		+ve	Salmonella spp.	+ve	Salmonella spp.	-ve	
1387	+ve	serogroup D+	-ve		+ve	serogroup C1+	+ve	serogroup C2C3+	-ve	
1422	+ve	Group D	-ve	Negative	+ve	Salmonella spp.	+ve	Group C	-ve	Negative
1423	+ve	Salmonella Spp.	-ve		+ve	Salmonella Spp.	+ve	Salmonella Spp.	-ve	
1436	+ve	S.Enteritidis	-ve		+ve	O6,7 ; H?	+ve	S.Hadar	-ve	
1487	+ve	D/S.Enteritidis	-ve		+ve	C	+ve	C	-ve	
1521	+ve	GroupD positive	-ve		+ve		+ve		-ve	
1559	+ve	S. Enteritidis	-ve		+ve	S. group C	+ve	S. Hadar	-ve	
1626	Nil Return									
1638	Nil Return									
1647	+ve	S. Enteritidis	-ve		+ve	ext. serotyping	+ve	S. Hadar	-ve	
1650	+ve	D/S.Enteritidis	-ve		+ve	C1/S.Montevideo	+ve	C2/S.Hadar	-ve	
1654	+ve	Group D	-ve	N/A	+ve	Group C	+ve	Group C	-ve	N/A
1669	+ve	S. Enteritidis	-ve		+ve	S. Montevideo	+ve	S. Hadar	-ve	
1673	+ve		-ve		+ve		+ve		-ve	
1681	+ve	S.Enteritidis	+ve	S.Enteritidis	+ve	S.Montevideo	+ve	S.Hadar	+ve	S.Montevideo
1696	+ve		-ve		+ve		+ve		+ve	

Culture	16/1152		16/1153		16/1154		16/1155		16/1156	
	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	Salmonella Enteritidis (approx. 120,000 cfu per vial) + Citrobacter youngae		Yersinia pseudotuberculosis		Salmonella Montevideo (approx. 650 cfu per vial)		Salmonella Hadar (approx. 29,000 cfu per vial)		Citrobacter youngae + E coli	
	+ve	Group D salmonella spp	-ve	Negative negativo	+ve	Group C salmonella spp.	+ve	Group C salmonella spp.	-ve	Negative negativo
1700										
1733	+ve		-ve		+ve		+ve		-ve	
1766	+ve	S. Enteritidis	-ve		+ve	S. Montevideo	+ve	S. Hadar	-ve	Citrobac. spp.
1770	+ve	S. enteritidis	-ve		+ve	group C	+ve	S. hadar	-ve	
1853	+ve	S. Enteritidis	-ve		+ve	S. Montevideo	+ve	S. Hadar	-ve	
1877	+ve	Salmonella sp.	-ve		+ve	Salmonella sp	+ve	Salmonella sp	-ve	
1882	Nil Return									
1894	+ve	s.ent DI 0:9	-ve		+ve	s.montev C10:7	+ve	s.hadar C2C3O:8	-ve	
1896	+ve		-ve		+ve		+ve		-ve	
1905	+ve	Salmonella sp.	-ve		+ve	Salmonella sp.	+ve	Salmonella sp.	-ve	
1944	+ve		-ve		+ve		+ve		-ve	
1947	+ve	D1/Enteritidis	-ve	-	+ve	C1/Montevideo	+ve	C2-3/Hadar	-ve	-
1980	+ve	S.enteritidis	-ve		+ve	S.Montevideo	+ve	S. Hadar	-ve	
2011	+ve		-ve		+ve		+ve		-ve	
2053	+ve	Salmonella spp	+ve	Salmonella spp	+ve	Salmonella spp	+ve	Salmonella spp	-ve	
2096	+ve		-ve		+ve		+ve		-ve	
2098	+ve	D Enteritidis	-ve	No growth	+ve	C Oranienburg	+ve	C2 Hadar	-ve	Not Salmonella
2111	+ve		-ve		+ve		+ve		-ve	
2112	+ve	D	-ve		+ve	C	+ve	C	-ve	
2131	+ve	S. Enteritidis	-ve	not detected	+ve	S. Montevideo	+ve	S. Hadar	-ve	not detected
2143	+ve	S. Enteritidis	-ve		+ve	S. Montevideo	+ve	S. Hadar	-ve	
2158	+ve		-ve		+ve		+ve		-ve	
2167	+ve	S. Enteritidis	+ve	S. Enteritidis	+ve	S. Montevideo	+ve	S. Hadar	-ve	
2185	+ve	serogroup D	-ve		+ve	serogroup C	+ve	serogroup C	-ve	
2186	+ve	Group D	-ve		+ve	Group C	+ve	Group C	-ve	
2204	+ve		-ve		+ve		+ve		-ve	
2212	+ve	Salmonella spp.	-ve		+ve	Salmonella spp.	+ve	Salmonella spp.	-ve	
2229	+ve	S. Enteritidis	-ve		+ve	Other	+ve	S. Hadar	-ve	
2231	+ve	D	-ve		+ve	C	+ve	C	-ve	
2240	+ve		-ve		+ve		+ve		-ve	
2274	+ve		-ve		+ve		+ve		-ve	
2326	+ve		-ve		+ve		+ve		+ve	
2356	+ve		-ve		+ve		+ve		-ve	
2369	+ve	D - Enteritidis	-ve		+ve	C1 (O:7)	+ve	C2 (O:8)	-ve	
2386	+ve		-ve		+ve		+ve		-ve	
2412	+ve	S. Enteritidis	-ve	Not Salmonella	+ve	Salmonella spp	+ve	Salmonella spp	-ve	Not Salmonella
2426	+ve		-ve		+ve		+ve		-ve	
2455	+ve		-ve		+ve		+ve		-ve	
2458	+ve	Salmonella spp.	-ve		+ve	Salmonella spp.	+ve	Salmonella spp.	-ve	
2472	+ve	S. enteritidis	-ve		+ve		+ve	S. hadar	-ve	
2552	+ve		-ve		+ve		+ve		-ve	
2573	+ve		-ve		+ve		+ve		+ve	
2628	+ve	S. Enteritidis	-ve		+ve	groupe C1/C2	+ve	groupe C1/C2	-ve	
2667	+ve	Salmonella spp	-ve	negative	+ve	Salmonella spp	+ve	Salmonella spp	-ve	E.coli

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Intended	Salmonella Enteritidis (approx. 120,000 cfu per vial) + Citrobacter youngae		Yersinia pseudotuberculosis		Salmonella Montevideo (approx. 650 cfu per vial)		Salmonella Hadar (approx. 29,000 cfu per vial)		Citrobacter youngae + E coli	
	+ve	Group D	-ve	Negative	+ve	Group C	+ve	Group C	-ve	Negative
2670	+ve	Group D1	-ve		+ve	Salmonella sp.	+ve	Salmonella sp.	-ve	
2726	+ve	D	-ve		+ve	C	+ve	C	-ve	
2762	+ve		-ve		+ve		+ve		-ve	
2823	-ve		+ve		+ve		+ve		-ve	
2887	+ve	"D" group O:9	-ve		+ve	"C1" group O:7	+ve	"C3" group O:8	+ve	"B" group O:4
2904	+ve	S. enteritidis	-ve		+ve	S. montevideo	+ve	S. hadar	-ve	
3015	+ve		+ve		+ve		+ve		+ve	
3020	+ve	S. Enteritidis	-ve		+ve	S. Montevideo	+ve	S. Hadar	-ve	
3043	+ve	Group D	-ve		+ve	Group C	+ve	Group C	-ve	

Intended results were determined using BPW into MSRV agar.

Comments provided by Gordon Bennett, APHA Lasswade

Sample 16/1152 - Intended - Positive, S. Enteritidis (Group D)

Laboratory 2823 failed to isolate Salmonella.

All other laboratories returned the expected positive result with those able to serogroup correctly serotyping as S. Enteritidis or Group D Salmonella.

Sample 16/1153 - Intended - Negative, Yersinia pseudotuberculosis

Laboratories 1681, 2053, 2167, 2823 and 3015 all incorrectly returned a positive result with laboratories 1681 and 2167 also reporting the isolate as S. Enteritidis.

Sample 16/1154 - Intended - Positive, S. Montevideo (Group C)

All laboratories returned the expected positive result with those able to serogroup correctly serotyping as S. Montevideo or Group C except for Lab 2098 incorrectly serotyping the isolate (O6,7) to be Oranienburg.

Sample 16/1155 - Intended - Positive, S. Hadar (Group C2)

All laboratories returned the expected positive result with those able to serogroup correctly serotyping as S. Hadar or Group C1/C2.

Sample 16/1156 - Intended - Negative, Citrobacter youngae

Laboratories 1681, 1696, 2326, 2573, 2887 and 3015 all incorrectly returned a positive with laboratory 1681 serotyping the isolate as S. Montevideo and laboratory 2887 serogrouping the isolate as Group B.

Laboratory 1198 was unable to test in time for this distribution and laboratories 1626, 1638 and 1882 were Nil Returns.



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Paula Johnson
Scheme Coordinator
Animal and Plant Health Agency
Quality Assurance Unit
The Elms, College Road
Sutton Bonington
Loughborough
Leicestershire
LE12 5RB
UK
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