



Proficiency testing for veterinary laboratories

Results tabulation for 12472/BA PT0088: Salmonella in poultry

Distribution Date: 02/08/2016

Culture	16/1628		16/1629		16/1630		16/1631		16/1632	
	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 Typhimurium (> 1E5 cfu per vial) + Citrobacter youngae		Salmonella Enteritidis (approx. 30,000 cfu per vial) + Pseudomonas aeruginosa		Citrobacter youngae		Salmonella Typhimurium (approx. 10,000 cfu per vial) + Escherichia coli		Salmonella Kedougou (approx. 50 cfu per vial)	
	+ve	Group B	+ve	Group D	-ve	Negative	+ve	Group B	+ve	Group G
1002	+ve	Typhimurium	+ve	Enteritidis	-ve		+ve	Typhimurium	+ve	Idikan
1067	+ve	S. Typhimurium	+ve	S. Enteritidis	-ve		+ve	S. Typhimurium	+ve	S. Kedougou
1089	+ve		+ve		-ve		+ve		+ve	
1114	+ve	Group O:4 (B)	+ve	Group O:9 (D1)	-ve		+ve	Group O:4 (B)	+ve	Group O:13 (G)
1115	+ve		+ve		-ve		+ve		+ve	
1121	+ve	Typhimurium	+ve	Enteritidis	-ve		+ve	Typhimurium	+ve	spp, non top 6
1125	+ve	S. TYPHIMURIUM	+ve	S. ENTERITIDIS	-ve		+ve	S. TYPHIMURIUM	+ve	
1127	+ve	Group B	+ve	S. enteritidis	-ve		+ve	Group B	+ve	Group G
1133	+ve	Group B (04)	+ve	Group D1 (09)	-ve	Negative	+ve	Group B (04)	+ve	Group G 13,22,23
1143	+ve	Group B	+ve	Group D	-ve	-	+ve	Group B	+ve	Group G
1157	+ve	Salm. (Gp.B)	+ve	Salm. (Gp.D)	-ve		+ve	Salm. (Gp.B)	+ve	Salm. (Gp.D)
1158	+ve	S. Typhimurium	+ve	S. Enteritidis	-ve	-	+ve	S. Typhimurium	+ve	S. Kedougou
1198	+ve	Group B	+ve	Group B	-ve		+ve	Group B	+ve	Sal G2
1217	+ve	O:4 (B)	+ve	O:9 (D1)	-ve		+ve	O:4 (B)	+ve	O:13 (G)
1235	+ve		+ve		-ve		+ve		+ve	
1239	+ve	OMA+	+ve	OMA+	-ve		+ve	OMA+	+ve	OMB+
1246	+ve	S. Typhimurium	+ve	S. Enteritidis	-ve		+ve	S. Typhimurium	+ve	S. Kedougou
1318	+ve	Group B	+ve	Group D	-ve		+ve	Group B	+ve	Group G
1340	+ve	B & D	+ve	D	-ve	Cit Freundii	+ve	B	+ve	E or G
1349	+ve	s.typhimurium	+ve	s.enteritidis	-ve	no salmonella	+ve	s.typhimurium	+ve	s.kedougou
1382	+ve	S. Typhimurium	+ve	S. Enteritidis	-ve		+ve	S. Typhimurium	+ve	Salmonella spp.
1387	+ve	serogroup B	+ve	serogroup D	-ve		+ve	serogroup B	+ve	BDC1C2-C3 neg
1436	+ve	S.T.monofasisch	+ve	S.Enteritidis	-ve		+ve	S.T.monofasisch	+ve	S.Kedougou
1480	+ve	Typhimurium	+ve	Enteritidis	-ve		+ve	Typhimurium	+ve	Salmonella sp.
1521	+ve		+ve	Group D +ve	-ve		+ve		+ve	
1559	+ve	S.Typhimurium	+ve	S. Enteritidis	-ve		+ve	S.Typhimurium	+ve	Sal. group F-67
1626	+ve		+ve		-ve		+ve		+ve	
1647	+ve	S. Typhimurium	+ve	S. Enteritidis	-ve		+ve	S. Typhimurium	+ve	Extern serotyp
1654	+ve	Group B	+ve	Group D	-ve		+ve	Group B	+ve	Group E/G
1669	+ve	S. Typhimurium	+ve	S. Enteritidis	-ve		+ve	S. Typhimurium	+ve	S. Kedougou
1673	+ve		+ve		-ve		+ve		+ve	
1681	+ve	S. Typhimurium	+ve	S. Enteritidis	-ve		+ve	S. Typhimurium	+ve	S. Kedougou
1685	+ve	Salmonella spp	+ve	Salmonella spp	-ve		+ve	Salmonella spp	+ve	Salmonella spp
1700		salmonella spp.		salmonella spp.		salmonella spp.		salmonella spp.		salmonella spp.
1703	+ve	serogrupo C2	+ve	serogrupo D	-ve		+ve		+ve	serogrupo G
1733	+ve		+ve		-ve		+ve		+ve	
1766	+ve	S. Typhimurium	+ve	S. Enteritidis	-ve	Citrobac. spp.	+ve	S. Typhimurium	+ve	S. Kedougou

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	+ve	Group B	+ve	Group D	-ve	Negative	+ve	Group B	+ve	Group G
1770	+ve	group B	+ve	S. enteritidis	-ve		+ve	group B	+ve	Polyvalent II
1812	+ve	B/ Typhimurium	+ve	D/ Enteritidis	-ve		+ve	B/ Typhimurium	+ve	G/ Kedougou
1853	+ve	S. Typhimurium	+ve	S. Enteritidis	-ve		+ve	S. Typhimurium	+ve	S. Kedougou
1877	+ve		+ve		-ve		+ve		+ve	
1894	+ve		+ve		-ve		+ve		+ve	
1896	+ve		+ve		-ve		+ve		+ve	
1905	+ve		+ve		-ve		+ve		+ve	
1930	+ve		+ve		-ve		+ve		+ve	
1944	+ve		+ve		-ve		+ve		+ve	
1947	+ve	S. Typhimurium	+ve	S. Enteritidis	-ve		+ve	S. Typhimurium	+ve	S. Kedougou
1980	+ve	S. typhimurium	+ve	S. enteritidis	-ve		+ve	S. typhimurium	+ve	S. kedougou
2011	+ve		+ve		-ve		+ve		+ve	
2053	+ve	Salmonella spp	+ve	Salmonella spp	-ve		+ve	Salmonella spp	+ve	Salmonella spp
2096	+ve		+ve		-ve		+ve		+ve	
2098	+ve	Typhimurium GpB	+ve	Enteritidis GpD	-ve	None isolated	+ve	Typhimurium GpB	+ve	Kedougou GpG
2111	+ve		+ve		+ve		+ve		+ve	
2112	+ve	B	+ve	D	-ve		+ve	B	+ve	G
2131	+ve	S. Typhimurium	+ve	S. Enteritidis	+ve	S. Typhimurium	+ve	S. Typhimurium	+ve	Salmonella spp.
2143	+ve	S. Typimurium	+ve	S. Enteritidis	-ve		+ve	S. Typimurium	+ve	S. Kedougou
2146	+ve		+ve		-ve		+ve		+ve	
2167	+ve	S. Typhimurium	+ve	S. Enteritidis	-ve		+ve	S. Typhimurium	+ve	S. Kedougou
2186	+ve	Group B	+ve	Group D	-ve		+ve	Group B	+ve	Group G
2204	+ve		+ve		-ve		+ve		+ve	
2212	+ve	Salmonella spp.	+ve	Salmonella spp.	-ve		+ve	Salmonella spp.	+ve	Salmonella spp.
2229	+ve	S. Typhimurium	+ve	S. Enteritidis	-ve	-	+ve	Other	+ve	Other
2240	+ve		+ve		-ve		+ve		+ve	
2274	+ve		+ve		-ve		+ve		+ve	
2356	+ve		+ve		-ve		+ve		+ve	
2386	+ve		+ve		-ve		+ve		+ve	
2426	+ve		+ve		-ve		+ve		+ve	
2455	+ve		+ve		-ve		+ve		+ve	
2472	Nil Return									
2552	+ve		+ve		-ve		+ve		+ve	
2573	+ve		+ve		-ve		+ve		+ve	
2578	+ve	typhimurium	+ve	enteritidis	-ve		+ve	typhimurium	+ve	groep E4
2628	+ve	Typhimurium	+ve	Enteritidis	-ve		+ve	Typhimurium	+ve	not B,C1,C2,D
2667	+ve	Salmonella spp	-ve		-ve		+ve	Salmonella spp	+ve	Salmonella spp
2670	+ve	Group B	+ve	Group D1	-ve		+ve	Group B	+ve	Salmonella
2726	+ve	Group B	+ve	Group D	-ve		+ve	Group B	+ve	
2762	+ve		+ve		-ve		+ve		+ve	
2823	+ve		+ve		+ve		+ve		+ve	
2904	+ve	typhimurium	+ve	enteritidis	-ve		+ve	typhimurium	+ve	spp.
2911	+ve	B/S.Typhimurium	+ve	D/S.Enteritidis	-ve		+ve	B/S.Typhimurium	+ve	G/S.Ordonze
2922	+ve		+ve		+ve		+ve		+ve	
2925	+ve	group B	+ve	group D	-ve		+ve	group B	+ve	group G

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	+ve	Group B	+ve	Group D	-ve	Negative	+ve	Group B	+ve	Group G
3015	+ve		+ve		-ve		+ve		+ve	
3020	+ve	S. Typhimurium	+ve	S. Enteritidis	-ve		+ve	S. Typhimurium	+ve	S. Kedougou

Intended results were determined using BPW into MSRV agar.

Comments provided by Gordon Bennett, APHA Lasswade

Sample 16/1628 - Intended - Positive, S. Typhimurium (Group B) and Citrobacter youngae

All laboratories returned the expected positive result.

Of those laboratories that are able to serogroup all returned the correct serogroup B, with the exception of laboratory 1703 who incorrectly returned a Group C result.

Laboratory 1239 returned OMA+ as the serogroup?

Sample 16/1629 - Intended - Positive, S. Enteritidis (Group D) and Pseudomonas aeruginosa

Laboratory 2667 incorrectly returned a negative result.

All other laboratories returned the expected positive result.

Those laboratories able to serogroup all returned the correct serogroup D.

Laboratory 1239 returned OMA+ as a serogroup?

Sample 16/1630 - Intended - Negative, Citrobacter youngae

Laboratories 2111, 2131, 2823 and 2922 all incorrectly returned a positive result with laboratory 2131 serotyping their isolate as S. Typhimurium.

All other laboratories returned the expected negative result.

Sample 16/1631 - Intended - Positive, S. Typhimurium (Group B) and E. coli

All laboratories returned the expected positive result with those able to do so serogrouping as Group B except for laboratory 1436 serotyping the isolate as Typhimurium monophasic.

Laboratory 1239 returned OMA+ as a serogroup?

Sample 16/1632 - Intended - Positive, S. Kedougou (Group G)

All laboratories returned the expected positive result.

Laboratories returning incorrect serogroup or serotype are as follows:

1002 - S. Idikan

1157 - Group D

1559 - Group F-67

1770 - Polyvalent 11

2578 - Group E4

2911 - 1,13,23:y:l,w S. Ordonze (S. Ordonez)

1239 - OMB+

All other laboratories able to do so returned the expected Group G or S. Kedougou 1,13,23:l:w result.

N.B. I am unfamiliar with OMA and OMB grouping used by laboratory 1239.

Laboratory 2472 was a Nil Return.



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