



Proficiency testing for veterinary laboratories

Results tabulation for 12170/BA PT0088: Salmonella in poultry

Distribution Date: 03/11/2015

Culture	15/1826		15/1827		15/1828		15/1829		15/1830	
	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 Virchow (approx 2500 cfu per vial)		Salmonella Senftenberg (approx 300 cfu per vial)		Salmonella Enteritidis (approx 250,000 cfu per vial) + Citrobacter youngae		Salmonella Enteritidis (approx 20,000 cfu per vial) + E coli		Salmonella Enteritidis (approx 250,000 cfu per vial) + Citrobacter youngae	
	+ve	Group C	+ve	Group E	+ve	Group D	+ve	Group D	+ve	Group D
1002	+ve	Virchow	+ve	Senftenberg	+ve	Enteritidis	+ve	Enteritidis	+ve	Enteritidis
1056	+ve	C1/Virchow	+ve	E4/Senftenberg	+ve	D/Enteritidis	+ve	D/Enteritidis	+ve	D/Enteritidis
1067	+ve	S. Virchow	+ve	S. Senftenberg	+ve	S. Enteritidis	+ve	S. Enteritidis	+ve	S. Enteritidis
1076	+ve	S. virchow	+ve	S.senftenberg	+ve	S.enteritidis	+ve	S.enteritidis	+ve	S.enteritidis
1089	+ve		+ve		+ve		+ve		+ve	
1114	+ve	O:7 (C1)	+ve	O:3,19 (E4)	+ve	O:9 (D1)	+ve	O:9 (D1)	+ve	O:9 (D1)
1115	+ve	S. Virchow	+ve	S. Senftenberg	+ve	S. Enteritidis	+ve	S. Enteritidis	+ve	S. Enteritidis
1121	+ve	S. Virchow	+ve	unknown	+ve	S. Enteritidis	+ve	S. Enteritidis	+ve	S. Enteritidis
1125	+ve	S. Virchow	+ve		+ve	S. Enteritidis	+ve	S. Enteritidis	+ve	S. Enteritidis
1127	+ve	Group C1	+ve	Group E	+ve	Group D	+ve	Group D	+ve	Group D
1133	+ve	Group C O6,7	+ve	Group E	+ve	Group D O9	+ve	Group D O9	+ve	Group D O9
1143	+ve	Group C	+ve	Group E	+ve	Group D	+ve	Group D	+ve	Group D
1156	+ve		+ve		+ve		+ve		+ve	
1157	+ve	Salm. (Poly O)	+ve	Salm. (Poly O)	+ve	Salm. (Gp.D)	+ve	Salm. (Gp.D)	+ve	Salm. (Gp.D)
1158	+ve	S. Virchow	+ve	S. Senftenberg	+ve	S. Enteritidis	+ve	S. Enteritidis	+ve	S. Enteritidis
1190	+ve		+ve		+ve		+ve		+ve	
1198	+ve	Group C1	+ve	Group E4	+ve	Group D	+ve	Group D	+ve	Group D
1217	+ve	O:7 (C1)	+ve	O:3,19 (E4)	+ve	O:9 (D1)	+ve	O:9 (D1)	+ve	O:9 (D1)
1218	+ve		+ve		+ve		+ve		+ve	
1235	+ve		+ve		+ve		+ve		+ve	
1246	+ve	S. Virchow	+ve	S. Senftenberg	+ve	S. Berta	+ve	S. Enteritidis	+ve	S. Enteritidis
1250	+ve	S. Virchow	+ve	S. Senftenberg	+ve	S. Enteritidis	+ve	S. Enteritidis	+ve	S. Enteritidis
1266	+ve	Salmonella spp.	+ve	Salmonella spp	+ve	Salmonella spp	+ve	Salmonella spp	+ve	S. arizonae
1318	+ve	C	+ve	E	+ve	D	+ve	D	+ve	D
1340	+ve	C	+ve	Non-Specific	+ve	C+D	+ve	Non-Specific	+ve	Non-Specific
1349	+ve	salmonella spp	+ve	salmonella spp	+ve	salmonella spp	+ve	salmonella spp	+ve	salmonella spp
1351	+ve		+ve		+ve		+ve		+ve	
1374	+ve	S.virchow	+ve	S.senftenberg	+ve	S.enteritidis	+ve	S.enteritidis	+ve	S.enteritidis
1382	+ve	Salmonella spp.	+ve	Salmonella spp.	+ve	S. Enteritidis	+ve	S. Enteritidis	+ve	S. Enteritidis
1387	+ve	C1	+ve	B-D-C negative	+ve	D	+ve	D	+ve	D
1423	+ve	Salmonella Spp.	+ve	Salmonella Spp.	+ve	Salmonella Spp.	+ve	Salmonella Spp.	+ve	Salmonella Spp.
1436	+ve	S.Virchow	+ve	S.Senftenberg	+ve	S.Enteritidis	+ve	S.Enteritidis	+ve	S.Enteritidis
1487	+ve	C	+ve	E	+ve	D/S.Enteritidis	+ve	D/S.Enteritidis	+ve	D/S.Enteritidis
1521	+ve		+ve		+ve	Group D pos	+ve	Group D pos	+ve	Group D pos
1559	+ve	S. Virchow	+ve	S. Senftenberg	+ve	S. Enteritidis	+ve	S. Enteritidis	+ve	S. Enteritidis
1626	+ve		+ve		+ve		+ve		+ve	
1647	+ve	S. Virchow	+ve	ext serotyping	+ve	S. Enteritidis	+ve	S. Enteritidis	+ve	S. Enteritidis
1654	+ve	Group C	+ve	Group E/G	+ve	Group D	+ve	Group D	+ve	Group D
1669	+ve	S. Virchow	+ve	S. senftenberg	+ve	S. Enteritidis	+ve	S. Enteritidis	+ve	S. Enteritidis
1673	+ve		+ve		+ve		+ve		+ve	
1681	+ve	S. Virchow	+ve	S. Senftenberg	+ve	S. Enteritidis	+ve	S. Enteritidis	+ve	S. Enteritidis
1696	+ve		+ve		+ve		+ve		+ve	

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	+ve	Group C	+ve	Group E	+ve	Group D	+ve	Group D	+ve	Group D
1700	+ve	Salmonella spp.	+ve	Salmonella spp.	+ve	Salmonella spp.	+ve	Salmonella spp.	+ve	Salmonella spp.
1714	+ve	S. Virchow	+ve	S. Senftenberg	+ve	S. Enteritidis	+ve	S. Enteritidis	+ve	S. Enteritidis
1733	+ve		+ve		+ve		+ve		+ve	
1766	+ve	S. Virchow		S. Senftenberg	+ve	S. Enteritidis	+ve	S. Enteritidis	+ve	S. Enteritidis
1770	+ve	S. Virchow	+ve	Group E	+ve	S. enteritidis	+ve	S. enteritidis	+ve	S. enteritidis
1853	+ve	S. Virchow	+ve	S. Senftenberg	+ve	S. Enteritidis	+ve	S. Enteritidis	+ve	S. Enteritidis
1877	+ve		+ve		+ve		+ve		+ve	
1882	+ve	S. Virchow	+ve	S.Group E	+ve	S.Enteritidis	+ve	S.Enteritidis	+ve	S.Enteritidis
1884	+ve		+ve		+ve		+ve		+ve	
1894	+ve	salmonella spp.	+ve	salmonella spp.	+ve	salmonella spp.	+ve	salmonella spp.	+ve	salmonella spp.
1896	+ve		+ve		+ve		+ve		+ve	
1905	+ve	Salmonella I	+ve	Salmonella I	+ve	Salmonella I	+ve	Salmonella I	+ve	Salmonella I
1944	+ve	C	+ve	E O19+	+ve		+ve		+ve	
1947	-ve		+ve	E4/Senftenberg	+ve	D1/Enteritidis	+ve	D1/Enteritidis	+ve	D1/Enteritidis
1980	+ve	Virchow (C1)	+ve	senftenberg E4	+ve	enteritidis D1	+ve	enteritidis D1	+ve	enteritidis D1
2011	+ve		+ve		+ve		+ve		+ve	
2053	+ve	Salmonella spp	+ve	Salmonella spp	+ve	Salmonella spp	+ve	Salmonella spp	+ve	Salmonella spp
2096	Nil Return									
2098	+ve	C Virchow	+ve	E Senftenberg	+ve	D Enteritidis	+ve	D Enteritidis	+ve	D Enteritidis
2111	+ve	Virchow	+ve	Group D	+ve	Enteritidis	+ve	Auto-agg	+ve	Auto-agg
2112	+ve	C	+ve	E	+ve	D	+ve	D	+ve	D
2131	+ve	S. Virchow	+ve	Salmonella	+ve	S. Enteritidis	+ve	S. Enteritidis	+ve	S. Enteritidis
2143	+ve	S. Virchow	+ve	S. Senftenberg	+ve	S. Enteritidis	+ve	S. Enteritidis	+ve	S. Enteritidis
2158	+ve		+ve		+ve		+ve		+ve	
2167	Nil Return									
2185	+ve	serogroup C	+ve	serogroup E	+ve	serogroup D	+ve	serogroup D	+ve	serogroup D
2204	+ve		+ve		+ve		+ve		+ve	
2212	+ve	Salmonella spp	+ve	Salmonella spp	+ve	Salmonella spp	+ve	Salmonella spp	+ve	Salmonella spp
2229	+ve	S. Virchow	+ve	Other	+ve	S. Enteritidis	+ve	S. Enteritidis	+ve	S. Enteritidis
2240	+ve	Infantis	+ve	Senftenberg	+ve	Enteritidis	+ve	Enteritidis	+ve	Enteritidis
2274	+ve		+ve		+ve		+ve		+ve	
2326	+ve		+ve		+ve		+ve		+ve	
2386	+ve		+ve		+ve		+ve		+ve	
2412	+ve	Salmonella sp.	+ve	Salmonella sp.	+ve	S. Enteritidis	+ve	S. Enteritidis	+ve	S. Enteritidis
2426	+ve		+ve		+ve		+ve		+ve	
2455	+ve		+ve		+ve		+ve		+ve	
2458	+ve	Salmonella spp.	+ve	Salmonella spp.	+ve	Salmonella spp.	+ve	Salmonella spp.	+ve	Salmonella spp.
2472	+ve	S. virchow	+ve		+ve	S. enteritidis	+ve	S. enteritidis	+ve	S. enteritidis
2552	+ve		+ve		+ve		+ve		+ve	
2573	+ve		+ve		+ve		+ve		+ve	
2591	+ve	Salmonella spp	+ve	Salmonella spp	+ve	Salmonella spp	+ve	Salmonella spp	+ve	Salmonella spp
2628	+ve	Groupe C1/C2	+ve	non 0:4,5, 0:9	+ve	S. enteritidis	+ve	S. enteritidis	+ve	S. enteritidis
2667	+ve	Salmonella spp	+ve	Salmonella spp	+ve	Salmonella spp	+ve	Salmonella spp	+ve	Salmonella spp
2670	+ve	Salmonella sp.	+ve	Salmonella sp.	+ve	Group D1	+ve	Group D1	+ve	Group D1
2726	+ve	C	+ve	E	+ve	D	+ve	D	+ve	D

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	+ve	Group C	+ve	Group E	+ve	Group D	+ve	Group D	+ve	Group D
2762	+ve		+ve		+ve		+ve		+ve	
2823	Nil Return									
2852	+ve	C1 group	+ve	E group	+ve	D group	+ve	D group	+ve	D group
2872	+ve		-ve		+ve		+ve		+ve	
2904	+ve	virchow	+ve	spp.	+ve	enteritidis	+ve	enteritidis	+ve	enteritidis
3015	+ve		+ve		+ve		+ve		+ve	
3020	+ve	S. Virchow	+ve	S. Westhampton	+ve	S. Enteritidis	+ve	S. Enteritidis	+ve	S. Enteritidis
3043	+ve	Group C	+ve		+ve	Group D	+ve	Group D	+ve	Group D

Intended results were determined using BPW into MSRV agar.

Sample 15/1828 = 15/1830

Comments provided by Gordon Bennett, APHA Lasswade

Sample 15/1826 - Intended - Positive, S. Virchow (Gp C)

Laboratory 1947 returned an incorrect negative result.

Laboratory 2240, although correctly returned a positive interpretation (and Group), incorrectly reported it as S. Infantis.

All other laboratories returned the expected positive result.

Sample 15/1827 - Intended - Positive, S. Senftenberg (Gp E)

Laboratory 2872 returned an incorrect negative result.

Laboratory 3020, although correctly returned a positive interpretation (and Group), incorrectly reported it as S. Westhampton and Laboratory 2111 incorrectly reported as Group D.

All other laboratories returned the expected positive result.

Sample 15/1828 - Intended - Positive, S. Enteritidis (Gp D) and Citrobacter youngae

Laboratory 1246, although correctly returned a positive interpretation (and Group), incorrectly reported it as S. Berta.

All other laboratories returned the expected positive result.

Sample 15/1829 - Intended - Positive, S. Enteritidis (Gp D) and E. coli

All laboratories returned the expected positive result.

Sample 15/1830 - Intended - Positive, S. Enteritidis (Gp D) and Citrobacter youngae

Laboratory 1266, although correctly returned a positive interpretation, incorrectly reported it as S. arizonae.

All other laboratories returned the expected positive result.

Laboratories 2096, 2167 and 2823 were all Nil Returns.

Comments from Vetqas:

Lab 1696 raised via their comments as having an accidental spillage occurring during this PT exercise. Any conclusion of this having any effect on their results cannot be drawn here because all samples were intended positives and this lab has reported only interpretations of their results.

Lab 2240 noted having cross-contamination of their nutrient broth, however this was also not necessarily identifiable from their results.

We would like to take this opportunity to thank you for your participation.



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