



Proficiency testing for veterinary laboratories

Distribution Date: 05/01/2016

Results tabulation for 12229/BA PT0087: Salmonella in animal feed

Culture	16/1001	16/1002	16/1003	16/1004	16/1005
	Salmonella Group/Type	Salmonella Group/Type	Salmonella Group/Type	Salmonella Group/Type	Salmonella Group/Type
Intended	Salmonella Typhimurium (approx. 30,000 cfu per vial) + E. coli	Salmonella Enteritidis (>1 E5 cfu per vial) + Citrobacter youngae	Klebsiella pneumoniae	Salmonella Hadar (approx. 35,000 cfu per vial)	Citrobacter youngae + Escherichia coli
	Group B	Group D	Negative	Group C	Negative
1002	B,4,5,12,i,1,2	D1,9,12,g,m	Not detected	C2,6,8,Z10,ex	Not detected
1127	+ Ve Group B	+ Ve Group D	- Ve	+ Ve C2	- Ve
1133	group B / O4	group D / O9	NEGATIVE	group C / O6,7	NEGATIVE
1143	Group B	Group D	Negative	Group C	Negative
1349	S. Typhimurium	S. Enteritidis	Negative	S. Hadar	Negative
1695	present	present	absent	present	absent
1812	B/Typhimurium	D/Enteritidis	Negative	C2/Hadar	Negative
1896	S. Typhimurium	S. Enteritidis	Negative	S. Hadar	Negative
1901	B-S Typhimurium	D-S Enteritidis	Negative	C-S hadar	Negative
2132	Group B	Group D	Not Salmonella	Group C	Not Salmonella
2396	DETECTED / O4	DETECTED / O9	Not Detected	DETECTED / O8	Not Detected
2664	DETECTED	DETECTED	Not Detected	DETECTED	Not Detected
2897	Nil Return				
3010	Detected	Detected	Not Detected	Detected	Not Detected

Intended results were determined using Rappaport Broth.

Comments provided by Gordon Bennett, APHA Lasswade

Sample 16/1001 - Intended - Positive, Salmonella Typhimurium (Group B)

All laboratories returned the expected positive result.

Those with the ability to sero group correctly grouped the isolate as Group B.

Sample 16/1002 - Intended - Positive, Salmonella Enteritidis (Group D)

All laboratories returned the expected positive result.

Those with the ability to sero group correctly grouped the isolate as Group D.

Sample 16/1003 Intended - Negative, Klebsiella pneumoniae

All laboratories returned the expected negative result.

Sample 16/1004 - Intended - Positive, Salmonella Hadar (Group C2)

All laboratories returned the expected positive result.

Those with the ability to sero group correctly grouped the isolate as Group C.

Sample 16/1005 - Intended - Negative, Citrobacter youngae and E. coli

All laboratories returned the expected negative result.

Laboratory 2897 posted a Nil Return for this exercise.



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