



Proficiency testing for veterinary laboratories

Results tabulation for 12941/BA PT0087: Salmonella in animal feed

Distribution Date: 04/07/2017

Culture	17/1517	17/1518	17/1519	17/1520	17/1521
	Salmonella Group/Type	Salmonella Group/Type	Salmonella Group/Type	Salmonella Group/Type	Salmonella Group/Type
Intended	Salmonella Hadar (approx. 37,000 cfu per vial)	Salmonella Infantis (approx. 900 cfu per vial)	Salmonella Typhimurium (approx. 3000 cfu per vial) + Pseudomonas aeruginosa	Citrobacter youngae+ Pseudomonas aeruginosa	Escherichia coli + Pseudomonas aeruginosa
	Group C	Group C	Group B	Negative	Negative
1002	Hadar	Infantis	Typhimurium	Not detected	Not detected
1127	Group C2	Group C1	Group B	Negative	Negative
1133	Nil Return				
1143	Group C	Group C	Group B	Negative	Negative
1220	Salmonella C2	Salmonella C1	Salmonella B	Absence	Absence
1340	Group C	Group C	Group B	Negative	Negative
1614	POSITIVE	POSITIVE	POSITIVE	NEGATIVE	NEGATIVE
1812	C2/S. Hadar	C1/S. Infantis	B/S. Typhimurium	Not isolated	Not isolated
1896	Positive	Positive	Positive	Negative	Negative
2132	Group C2	S. Infantis	S. Typhimurium	Not Salmonella	Not Salmonella
2167	+ve	S. Infantis	S. Typhimurium	S. Infantis	S. Typhimurium
2396	Detected/06,7,8	Detected /06,7	Detected /04	Not Detected	Not Detected
2531	Group C	Group C	Group B	Not Detected	Not Detected
2664	DETECTED	DETECTED	DETECTED	Not Detected	Not Detected
2897	Detected Gp C	Detected Gp C	Detected Gp B	Not Detected	Not Detected
3010	Detected	Detected	Detected	Not Detected	Not Detected

Intended results were determined using Rappaport Broth.

Comments provided by Gordon Bennett, APHA Lasswade

Sample 17/1517 - Intended - Positive, S. Hadar (Group C2)

All laboratories returned the expected positive result with those able to serogroup correctly grouping the isolate as Group C or C2.

Sample 17/1518 - Intended - Positive, S. Infantis (Group C)

All laboratories returned the expected positive result with those able to serogroup correctly grouping the isolate as Group C.

Sample 17/1519 - Intended - Positive, S. Typhimurium (Group B)

All laboratories returned the expected positive result with those able to serogroup correctly grouping the isolate as Group B.

Sample 17/1520 - Intended - Negative

Laboratory 2167 incorrectly returned an S. Infantis result.

All other laboratories returned the expected negative result.

Sample 17/1521 - Intended - Negative

Laboratory 2167 incorrectly returned an S. Typhimurium result.

All other laboratories returned the expected negative result.

I would suggest that laboratory 2167 looks carefully at it's methods to avoid any cross contamination.

Laboratory 1133 posted a Nil Return for this complete exercise.



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