



Proficiency testing for veterinary laboratories

Distribution Date: 03/04/2018

Results tabulation for 13297/BA PT0087: Salmonella in animal feed

Culture	18/1329	18/1330	18/1331	18/1332	18/1333
	Salmonella Group/Type	Salmonella Group/Type	Salmonella Group/Type	Salmonella Group/Type	Salmonella Group/Type
Intended	Salmonella Typhimurium (approx. 500 cfu per vial) + Pseudomonas aeruginosa	Serratia marcescens	Escherichia coli + Pseudomonas aeruginosa	Salmonella Typhimurium (approx. 400 cfu per vial)	Salmonella Agona (approx. 25,000 cfu per vial)
	Group B	Negative	Negative	Group B	Group B
1002	Typhimurium	Negative	Negative	Group B	Agona
1127	Group B	negative	negative	Group B	Group B
1133	B O5	negative	negative	B O5	B O4
1143	Group B	Negative	Negative	Group B	Group B
1340	Group C	Not Isolated	Not Isolated	Group C	Group B
1487	B/S.Typhimurium	Negative	Negative	B/S.Typhimurium	B
1546	Nil Return				
2132	S. Typhimurium	S. Dublin	Not Salmonella	S. Typhimurium	S. Agona
2167	Nil Return				
2396	Detected / 04	Not Detected	Detected / 04	Detected / 04	Detected / 04
2564	O:4	-	-	O:4	O:4
2664	DETECTED	Not Detected	Not Detected	DETECTED	DETECTED
2897	Detected	Detected	Not Detected	Not Detected	Detected
3010	Detected	Detected	Not Detected	Not Detected	Detected

Intended results were determined using Rappaport Broth.

Comments provided by Paula Johnson, Quality Assurance Unit Sutton Bonington

Sample 18/1329 - All participants isolated Salmonella from the samples as expected. Those that recorded a sero group did so correctly with the exception of Lab 1340.

Sample 18/1330 - This sample did not contain Salmonella. There were however three Labs (2132, 2897 and 3010) that reported this sample as Salmonella positive; all should investigate. Incidentally Lab 2123 recorded this as S. Dublin. As this strain wasn't included in the panel, it may be that if cross contamination occurred, this might have been at the serotyping stage - antisera should be checked for contamination.

Sample 18/1331 - This sample also did not contain Salmonella - here one lab (2396) reported Salmonella detected.

Sample 18/1332 - The majority of participants isolated Salmonella from the samples as expected. Those that recorded a sero group did so correctly with the exception of Lab 1340.

Two labs 2897 and 3010 failed to recover the Salmonella from this sample. These are the same labs that reported the negative sample 18/1330 as positive - here, there may have been a sample mix up or transcription error.

Sample 18/1333 - Correct results reported by participants.

There were two nil returns for this exercise.

Note from Vetqas: Please report information to clarify your result even for a non-salmonella sample e.g. negative or not detected.



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