

Inter-laboratory Validation Tests Summary

Praecautio E.coli Swabs

First inter-laboratory test conducted – April 2018:

Bacterial count	Praecautio Salmonella result Pos = Positive for Salmonella Neg = Negative for Salmonella	SANAS accredited laboratory result
High	Pos	Salmonella isolated
Low	Pos	Salmonella isolated

Conclusion

These preliminary tests indicated that the Praecautio swabs matched the SANAS accredited tests in terms of being able to detect Salmonella in a sample.

Second inter-laboratory test conducted – May 2018:

Number of Bacteria Colony forming units (bacteria) per ml of sample	Praecautio Salmonella result (Duplicate swabs were taken) Pos = Positive for Salmonella Neg = Negative for Salmonella		SANAS accredited laboratory result
	24 hours incubation		
49.5 million	Pos	Pos	Salmonella isolated
6.9 million	Pos	Pos	Salmonella isolated
885 000	Pos	Pos	Salmonella isolated
49 500	Pos	Pos	Salmonella isolated
8 850	Pos	Pos	Salmonella isolated
6 900	Pos	Pos	Salmonella isolated
495	Pos	Pos	Salmonella isolated
89	Pos	Pos	Salmonella isolated
69	Pos	Pos	Salmonella isolated
50	Pos	Pos	Salmonella not isolated

Conclusion

The Praecautio Salmonella swabs matched the results of the SANAS accredited test, with the exception that the lowest count was detected by the Praecautio swab but not the SANAS accredited test. This indicates that the Praecautio swabs are more sensitive than the SANAS accredited test.