

Inter-laboratory Validation Tests Summary

Praecautio Staph. aureus Swabs

First inter-laboratory test conducted – April 2018:

Bacterial count	Praecautio Salmonella result Pos = Positive for Staph aureus Neg = Negative for Staph aureus	SANAS accredited laboratory result (number of bacteria isolated)
High	Pos	4100
Low	Pos	200

Conclusion

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

First inter-laboratory test conducted – July 2018:

Number of Bacteria Colony forming units (bacteria) per ml of sample	Praecautio Staph aureus result (Duplicate swabs were taken) Pos = Positive for Staph aureus Neg = Negative for Staph aureus				SANAS accredited laboratory result
	24 hours incubation		48 hours incubation		
9.45 million	Pos	Pos	Pos	Pos	S.aureus isolated
94 500	Pos	Pos	Pos	Pos	S.aureus isolated
945	Pos	Pos	Pos	Pos	S.aureus isolated
95	Pos	Neg	Pos	Pos	S.aureus not isolated

Conclusion

The Praecautio Staph aureus swabs are sensitive enough to detect less than 100 bacteria, which is more sensitive than the SANAS accredited test.