Raman spectroscopy for the differentiation of *Enterobacteriaceae*: a comparison of two methods

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Supplementary Materials

Table S1 Preliminary classification model with only Escherichia and Klebsiella, each class is made up of 2 strains and three replicates, measured with SC-RMS as described in the manuscript. The model is a PCA-LDA model. Overall accuracy is 95.1%

		Reference			
		Escherichia	Klebsiella	Sensitivity	Specificity
Predicted	Escherichia	289	22	96.7%	93.7%
	Klebsiella	10	329	93.7%	96.7%

Table S2 Preliminary classification results comparing the use of different growth media: LB-Broth and nutrient broth, on SC-RMS performance. Each model is based on a small preliminary dataset of only *Escherichia* and *Klebsiella*, the sample size is given in the table. The data was collected with SC-RMS as described in the manuscript except for the change in growth media. The model is a PCA-LDA model.

Medium	Classification	Sample size
	accuracy	
LB-Broth	97%	229 spectra, 2 replicates, E. coli and K. pneumoniae
Nutrient Broth	95%	650 spectra, 6 replicates, E. coli and K. pneumoniae