

Supplementary Material

Table S1. Biochemical tests for microorganism identification performed on specific agar, including urea, citrate, indole, and Triple Sugar Iron (TSI) tests. The combinations shown led to the identification of a specific bacterial genus and species. H₂S: Hydrogen sulfide gas (Blackening). D: Different strains give different reactions. Y: Yellow colour. R: Red colour.

				TSI MEDIUM			
SPECIES	Urea	Citrate	Indole	Slope	Butt	H ₂ S	Gas
<i>Escherichia Coli</i>	-	-	+2	Y6	Y	-	+2
<i>Shigella</i> spp.	-	-	d	R	Y	-	-3
<i>Salmonella typhi</i>	-	-	-	R	Y	+	-
<i>Salmonella paratyphi A</i>	-	-	-	R	Y	-	+
<i>Most other Salmonellae</i>	-	+	-	R	Y	+2	D
<i>Citrobacter freundii</i>	D	+	-3	R or Y	Y	D	+
<i>Klebsiella pneumonia</i>	+slow	+2	-3	Y	Y	-	+
<i>Klebsiella oxytoca</i>	+slow	+2	+	Y	Y	-	+
<i>Enterobacter</i> spp.	-	+	-	Y	Y	-	+
<i>Serratia marcescens</i>	D	+	-	R or Y	Y	-	D
<i>Proteus vulgaris</i>	+	D	+	R	Y	+	D
<i>Proteus mirabilis</i>	+	+2	-	R	Y	+	+
<i>Morganella morganii</i>	+	-	+	R	Y	-	D
<i>Providencia</i> spp.	D	+	+	R	Y	-	D
<i>Yersinia enterocolitica</i>	+slow	-	D	R	Y	-	-
<i>Vibrio cholera</i>	-	D	+	R	Y	-	-
<i>Vibrio parahaemolyticus</i>	-3	D	+	R	Y	-	-