

Table 10.1. Select reactions for bacterial unknowns*

TEST	<i>Pseudomonas aeruginosa</i>	<i>Alcaligenes faecalis</i>	<i>Escherichia coli</i>	<i>Serratia marcescens</i>	<i>Klebsiella aerogenes</i>	<i>Klebsiella pneumoniae</i>	<i>Proteus vulgaris</i>	<i>Proteus mirabilis</i>	<i>Citrobacter freundii</i>	<i>Staphylococcus aureus</i>	<i>Staphylococcus epidermidis</i>	<i>Streptococcus agalactiae</i>	<i>Streptococcus salivarius</i>	<i>Enterococcus faecalis</i>
Gram reaction	-	-	-	-	-	-	-	-	-	+	+	+	+	+
Catalase	+	+	+	+	+	+	+	+	+	+	+	-	-	-
Nitrate	+	-	+	+	+	+	+	+	+					
Oxidase	+	+	-	-	-	-	-	-	-					
Lactose (EMB/MAC)	-	-	+	+	+	+	-	-	+					
MR			+	-	-	+	+	+	+					
VP			-	+	+	+	-	-	-					
H ₂ S			-	-	-	-	+	+	+					
Indole			+	-	-	-	+	-	-					
Motility			+	+	+	-	+	+	+					
Citrate			-	+	+	+	-	-	+					
Urease			-	-	-	+	+	+	-					
Pyocyanin / UV (CET)	+	-												
Colony pigment 25°C (TSA)				Red	Cream									
Coagulase										+	-			
7.5% NaCl (MSA)										+	+			
Mannitol (MSA)										+	-			
Hemolysis (BAP)												β	α	γ
CAMP												+	-	-
Bile esculin												-	-	+

*Shaded boxes indicate that a test is not applicable for identification. Results may vary due to strain, mutation, or other factors.