

BIOCHEMICAL TESTS TO IDENTIFY SELECTED COCCAL BACTERIA

Gram Stain Result	Bacterial Genus/species		Mannitol Salt Agar (MSA)		Hemolysis	Coagulase	Catalase	DNase	Oxidase	Drug Susceptibility				
			Growth	Acid Production						Bacitracin	SXT	Novobiocin	Optichin	
Gram-positive Cocci	Staphylococcus	<i>S. aureus</i>	+	+	β	+	+	+	-	-	+	+		
		<i>S. epidermidis</i>	+	-	γ	-	+	-	-	-	-	+	+	
		<i>S. saprophyticus</i>	+	+	α	-	+	+	-	-	-	+	-	
	Streptococcus	<i>S. pyogenes</i>	-		β		-	+	-	+	-			-
		<i>S. pneumoniae</i>	-		α		-	-	-	-	+			+
		<i>S. agalactiae</i>	-		β		-	+	-	-	-			-
		<i>S. oralis</i>	-		α		-	-	-	-	+			-
		<i>S. equi</i>	-		β		-	-	-	-	+			-
		<i>S. bovis</i>	-		α		-	-	-	-	-			-
		<i>S. mutans</i>	-		α		-	-	-	-	+			-
	<i>Enterococcus faecalis</i>	+	+	γ	-	-	-	-	-	-	-			
<i>Micrococcus luteus</i>	+	-	γ	-	+	-	-	-	+	+				
Gram-negative Cocci	<i>Moraxella catarrhalis</i>	-		α		+	+	+						
	<i>Neisseria flavescens</i>	-		γ		+	-	+						
	<i>Neisseria sicca</i>	-		γ		+	-	+						