

Descriptive table of rapidly growing species of the Genus Mycobacterium

	<i>M. agri</i>	<i>M. aichiense</i>	<i>M. aurum</i>	<i>M. austroafricanum</i>	<i>M. chelonae</i> subsp. <i>abscessus</i>	<i>M. chelonae</i> subsp. <i>chelonae</i>	<i>M. chitae</i>	<i>M. chubuense</i>	<i>M. diernhoferi</i>	<i>M. duvalii</i>	<i>M. fallax</i>	<i>M. flavescens</i>	<i>M. fortuitum</i> subsp. <i>acetamidolyticum</i>	<i>M. fortuitum</i> subsp. <i>fortuitum</i>	<i>M. fortuitum</i> subsp. <i>peregrinum</i>	<i>M. gadium</i>	<i>M. gilvum</i>	<i>M. komossense</i>	<i>M. morioakaense</i>	<i>M. neoaurum</i>	<i>M. obuense</i>	<i>M. parafortuitum</i>	<i>M. phlei</i>	<i>M. porcinum</i>	<i>M. poriferae</i>	<i>M. pulveris</i>	<i>M. rhodesiae</i>	<i>M. senegalense</i>	<i>M. smegmatis</i>	<i>M. sphagni</i>	<i>M. thermoresistibile</i>	<i>M. tokaiense</i>	<i>M. vaccae</i>		
Test	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33		
Growth in 5% NaCl			d	+	+	-	d		+		-	+	-	+	+			-	d			d	+	+	+	+		+	+	-	+		d		
Nitrate reduction	+	-	d	+	-	d	+	+	+	+	+	+	+	+	+	+	+	-	+	d	-	d	+	-	-	+	-	-	+	+	+	+	-	+	
MacConkey agar growth			-		+	+	-				-	-		+	+			-		-		-	-					-	-	-	-	-	-		
Pigmented	-	+	+	+	-	-	-	+	-	+	-	+	-	-	-	+	+	+	-	+	+	+	+	+	-	+	-	+	-	+	+	+	+	+	
Photochromogenic	-	-	-	+	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-	-	-	-	-	-	-	-	+
Growth at 45°C	+	-	-	-	-	-	-	-	-	-	-	d	-	-	-	-	-	-	-	-	-	-	+	-	-	d	-	-	+	-	+	-	-	-	
Growth at 52°C	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-	-	-	-	+	-	-	-	
Acid from arabinose			+		-	-	-			-		-		-	-	-	-	-		d		+	+		-				+	-	-		+		
Acid from xylose			+		-	-	-			-		-		-	-	-	-	-		d		+	+		+				d	-	-		+		
Acid from dulcitol			-		-	-	-			-		-		-	-	-	-	-		d		-	-						+	-	-		-		
Citrate utilized	d	-	+	+	-	+	-	-	d	-	-	-	d	d	d	-	-	+	-	+	-	+	+	+	+	+	-	-	+	+	d	-	-	+	
Phenylalanine deamination	-	-	-		+	+	-	-		-		-	+	+	+		-	d		-	+	-	-				-		-	d	-	-	-	-	
Mannitol utilized	-	+	+	+	-	-	-	d	+	+	-	d	-	-	+		+	+	+	+	+	+	+	+	+	+	-	+		+	+	-	+	+	

Data from: Holt, John G., Krieg, N.R., et al. *Bergey's Manual of Determinative Bacteriology* . 9th ed. Pages 600 - 602

Symbols: +, 90% or more of the strains are positive; -, 90% or more of the strains are negative; d, 11-89% of the strains are positive.