

Name: ***Microbacterium lacticum***

Authors: Orla-Jensen 1919

Status: Approved Lists

Reference(s): Int. J. Syst. Bacteriol. 30:319 (AL)

Risk group: 1 (German classification)

Type strain: ATCC 8180, DSM 20427, IMET 10712, NCDO 747,
NCIB 8540

Lit.: Orla-Jensen, S. 1919.
The lactic acid abcteria
Host and Son. Copenhagen. Denmark

Takeuchi, M., Hatano, K. 1998.
Union of the genera *Microbacterium* Orla-Jensen and
Aureobacterium Collins et al. in a redefined genus *Microbacterium*.
Int. J. Syst. Bacteriol. 48:739-747

Genus: *Microbacterium*

FH 2784

Species: *lacticum*

Numbers in other collections: DSM 20427

Morphology:

<u>ISP 2</u>	G	R
	good	ivory
	A	SP
<u>ISP 3</u>	none	none
	G	R
	good	sulfur white
<u>ISP 4</u>	A	SP
	none	none
	G	R
<u>ISP 5</u>	good	sulfur white
	A	SP
	none	none
<u>ISP 6</u>	G	R
	good	lemon yellow
	A	SP
<u>ISP 7</u>	none	none
	G	R
	good	lemon yellow
	A	SP
	none	yes
	G	R
	sparse	beige
	A	SP
	none	none

NaCl resistance: 7.5%

Temperature: Value- °C Optimum- 28°C

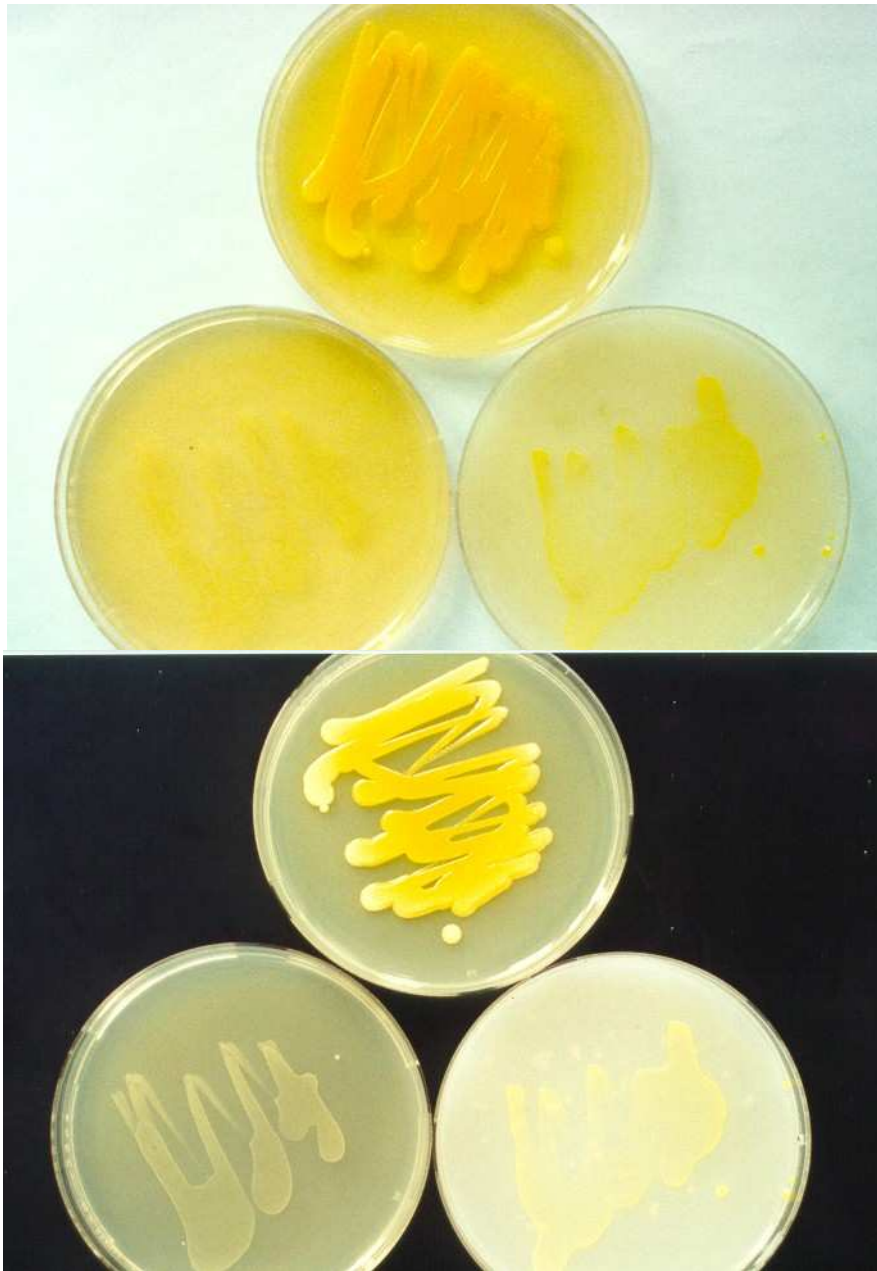
Carbon utilization:

Glu	Ara	Suc	Xyl	Ino	Man	Fru	Rha	Raf	Cel
+	+	+	+	+	-	-	+	+	-

Enzymes:

Api 20E	Gel	Cit	Ure	Arg	Onp	Trp	Lys	Odc	VP	Ind	H ₂ S	
-	-	-	-	-	+	-	-	-	-	-	-	
ApiZym	2	3	4	5	6	7	8	9	10	11	12	
-	+	+	-	+	+	+	+	+	-	+	+	
	13	14	15	16	17	18	19	20				
+	+	-	-	-	-	-	-	-				
ApiCoryne		Nit	Pyz	Pyr	Pal	βGur	βGal	αGlu	βNag	Esc	Ure	Gel
-	+	+	-	+	+	+	+	+	-	+	+	
	Glu	Rib	Xyl	Man	Mal	Lac	Sac	Glyg				
+	+	-	-	-	-	-	-	-				

Comments:



Microbacterium lacticum

A and B – Agar plates medium 5006, 5265 and 5315