

Name: ***Gordonia effusa***

Authors: Kageyama et al. 2006

Status: New Species

Reference: Int. J. Syst. Evol. Microbiol. 56:1818

Risk group: 2

Type strain: DSM 44810, IFM 10200, JCM 12130, NBRC 100432

Author: Kageyama, A., Iida, S., Yazawa, K., Kudo, T., Suzuki, S., Koga, T., Saito, H., Inagawa, H., Wada, A., Kroppenstedt, R. M., Mikami, Y.

Title: *Gordonia araii* sp. nov. and *Gordonia effusa* sp. nov., isolated from patients in Japan.

Journal: Int. J. Syst. Evol. Microbiol.

Volume: 56

Page: 1817-1821

Year: 2006



**Genus:** *Gordonia*

FH 6822

**Species:** *effusa*

**Numbers in other collections:** DSM 44810

**Morphology:**

	G	R
<u>ISP 2</u>	good	pastel yellow
	A	SP
	none	none
	G	R
<u>ISP 3</u>	good	pastel yellow
	A	SP
	none	none
	G	R
<u>ISP 4</u>	good	pastel yellow
	A	SP
	none	none
	G	R
<u>ISP 5</u>	good	pastel yellow
	A	SP
	none	none
	G	R
<u>ISP 6</u>	good	pastel yellow
	A	SP
	none	none
	G	R
<u>ISP 7</u>	good	pastel yellow
	A	SP
	none	none

**Melanoid pigment:** - - - -

**NaCl resistance:** %

**Lysozyme resistance:**

**pH:** Value-

Optimum-

**Temperature :** Value-

Optimum- 28 °C

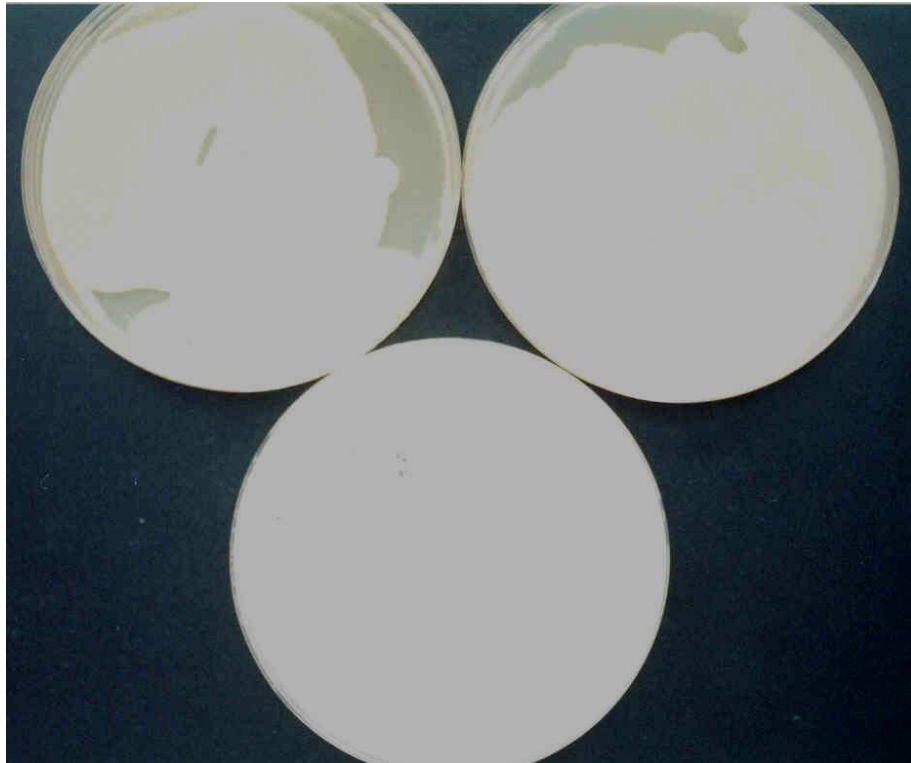
**Carbon utilization:**

Glu	Ara	Suc	Xyl	Ino	Man	Fru	Rha	Raf	Cel
				n.d.					

**Enzymes:**

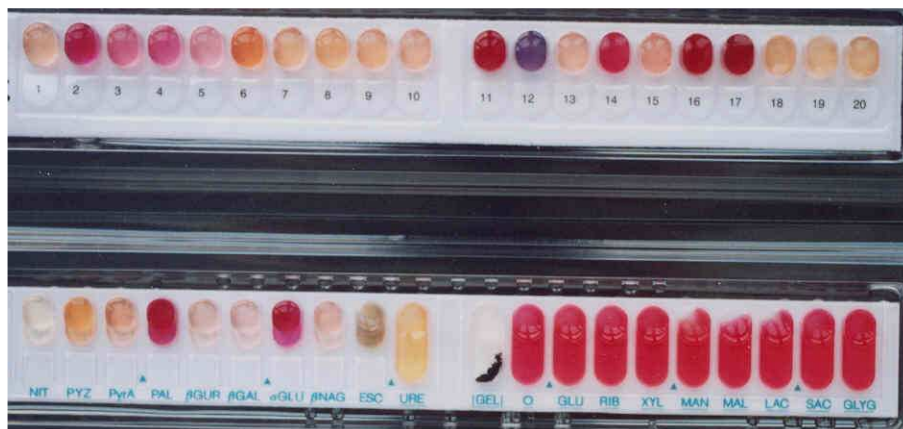
2+	3+	4+	5+	6+	7-	8-	9-	10-	11+	
12+	13-	14+	15-	16+	17+	18-	19-	20-		
Nit	Pyz	Pyr	Pal	βGur	βGal	αGlu	βNag	Esc	Ure	Gel
-	-	(+)	+	-	-	+	-	+	-	-
Glu	Rib	Xyl	Man	Mal	Lac	Sac	Glyg			
-	-	-	-	-	-	-	-			

**Comments:** Good growth on medium 5006



***Gordonia effusa***

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



***Gordonia effusa***

C – Microplate with ISP- and melanin media

D – Api zym (upper) and coryne