

Name: *Nocardia higoensis*

Authors: Kageyama et al. 2004

Status: New Species

Reference: Int. J. Syst. Evol. Microbiol. 54:1930\*

Risk group: 2 (German classification)

Type strain: CIP 108597, DSM 44732, IFM 10084,  
JCM 12121, NBRC 100133

Author(s) Kageyama, A., Yazawa, K., Mukai, A., Kinoshita, M.,  
Nishimura, K., Kroppenstedt, R. M., Mikami, Y.

Title *Nocardia shimofusensis* sp. nov. isolated from soil and  
*Nocardia higoensis* sp. nov. isolated from a patient with lung  
nocardiosis in Japan.

Journal Int. J. Syst. Evol. Microbiol.

Volume 54

Page(s) 1927-1931

Year 2004



**Genus:** *Nocardia* **FH 6482**  
**Species:** *higoensis*  
**Numbers in other collections:** **DSM 44732**

Morphology:

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

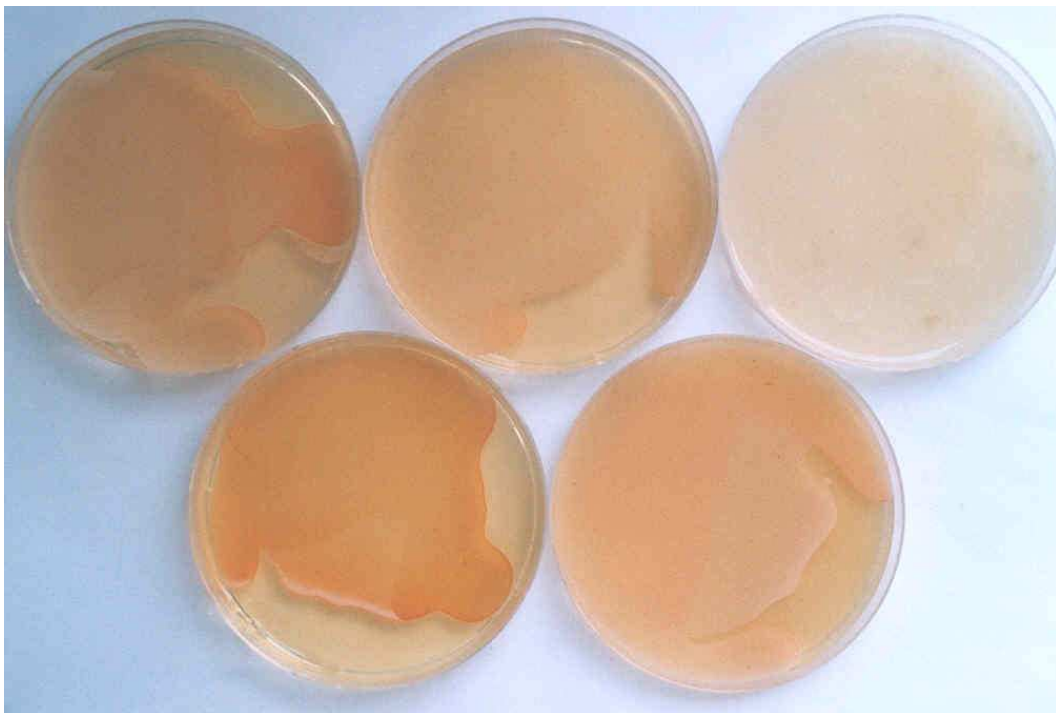
**Carbon utilization:**

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

**Enzymes:** Api Zym and Coryne

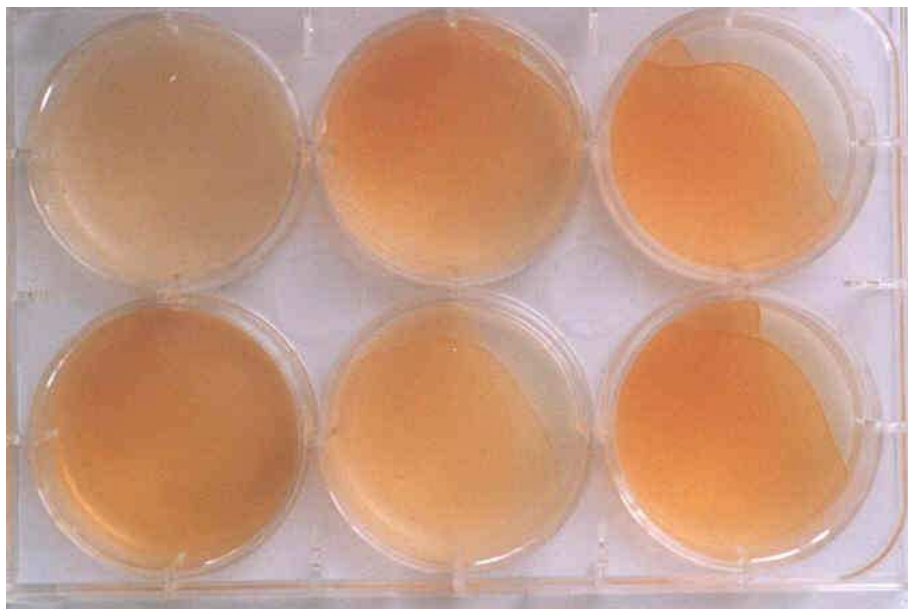
2 +	3 +	4 +	5 -	6 +	7 +	8 +	9 +	10 -	11 +	
12 (+)	13 -	14 -	15 -	16 +	17 +	18 -	19 -	20 -		
Nit	Pyz	Pyr	Pal	βGur	βGal	αGlu	βNag	Esc	Ure	Gel
-	-	+	+	-	-	+	-	+	-	-

**Comments:**



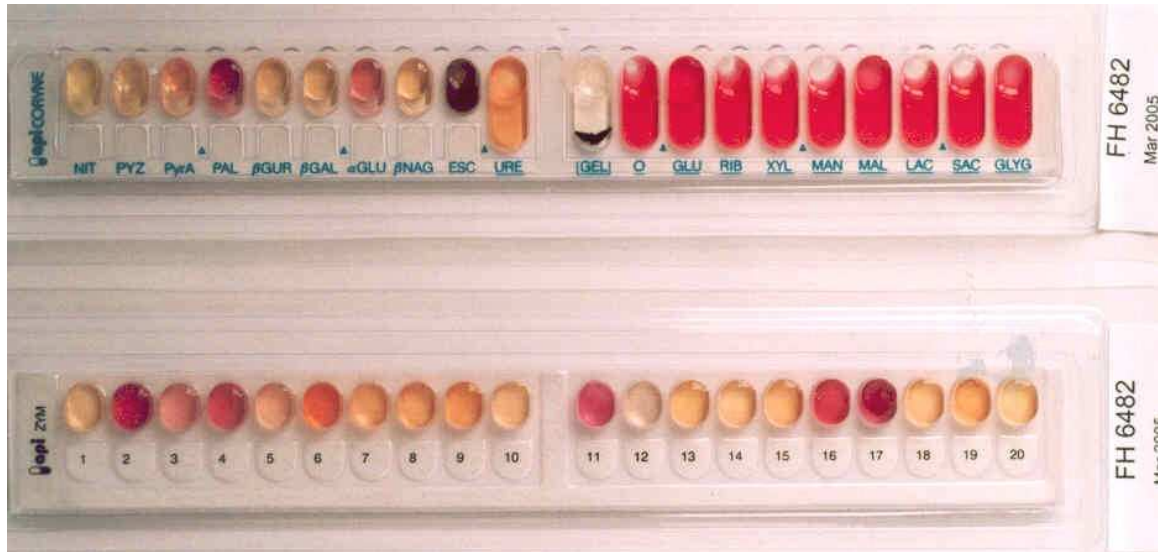
***Nocardia higoensis***

A and B – Agar plates medium 5006, 5265, 5315, 5429 and 5475



***Nocardia higoensis***

C and D – Microplate with ISP- and melanin media



***Nocardia higoensis***

E – Api Zym (lower) and Coryne