

Name: *Nocardia sienata*

Authors: Kageyama et al. 2004

Status: New Species, Corrected Name

Reference: Int. J. Syst. Evol. Microbiol. 54:1005

Risk group: 2 (German classification)

Comment: The original spelling, *Nocardia senatus* (sic), has been corrected on validation according to Rule 61

Type strain: DSM 44766, IFM 10088, JCM 12236

Author(s) Kageyama, A., Yazawa, K., Nishimura, K., Mikami, Y.
Title *Nocardia testaceus* sp. nov. and *Nocardia senatus* sp. nov.,
isolated from patients in Japan.
Journal Microbiol. Immunol.
Volume 48
Page(s) 271-276
Year 2004



Genus: *Nocardia* **FH 6447**
Species: *sienata*
Numbers in other collections: **DSM 44766**

Morphology:

	G	R
<u>ISP 2</u>	good	saffron yellow
	A	SP
	cream	none
	G	R
<u>ISP 3</u>	good	beige
	A	SP
	none	none
	G	R
<u>ISP 4</u>	sparse	beige
	A	SP
	-	-
	G	R
<u>ISP 5</u>	sparse	beige
	A	SP
	-	-
	G	R
<u>ISP 6</u>	sparse	beige
	A	SP
	-	-
	G	R
<u>ISP 7</u>	sparse	beige
	A	SP
	-	-

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:

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: Saffron yellow on media 5429 and 5475



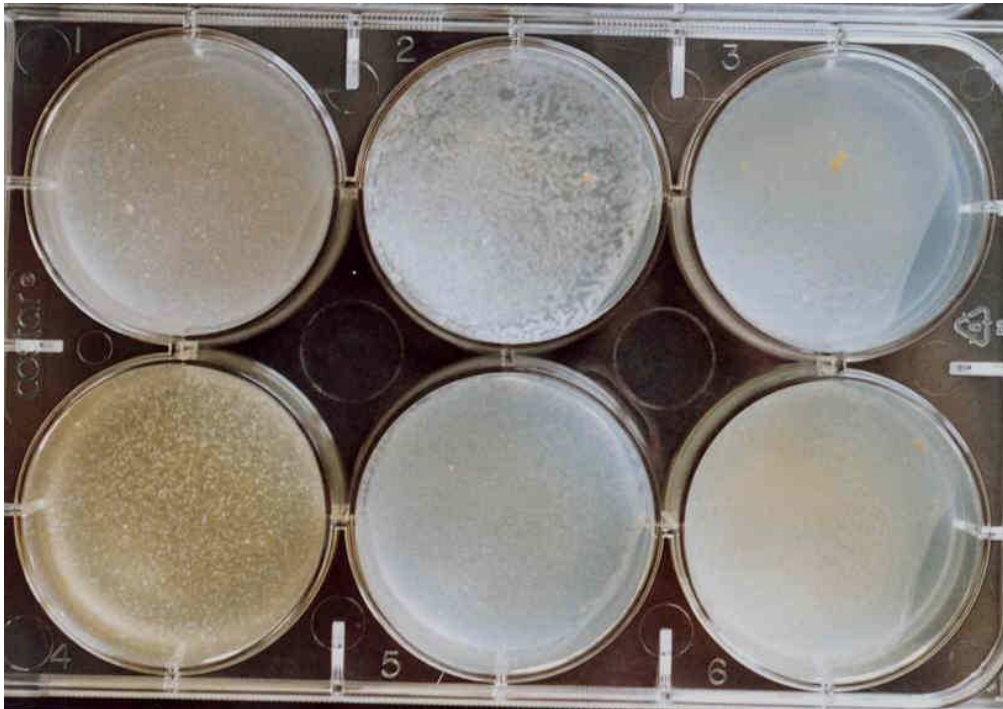
Nocardia sienata

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



Nocardia sienata

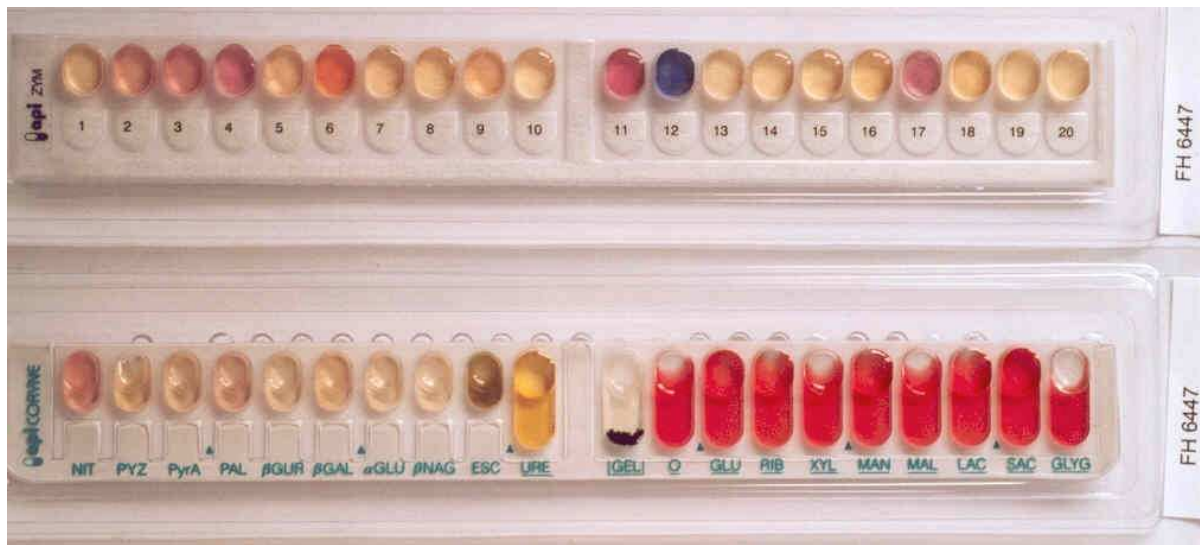
C and D – Agar plates medium 5429 and 5475



Nocardia sienata

E – Microplate with ISP- and melanin media

F – Microplate for carbo hydrate utilization



Nocardia sienata

G – Api Zym (lower) and Coryne