

Name: *Nocardia pseudobrasiliensis*

Authors: Ruimy et al. 1996

Status: New Species

Reference(s): Int. J. Syst. Bacteriol. 46:263

Risk group: 2 (German classification)

Type strain: ATCC 51512, CIP 104600, DSM 44290

Author(s) Ruimy, R., Riegel, P., Carlotti, A., Boiron, P., Bernardin, G.,
Monteil, H., Wallace, R. J., Jr., Christen, R.

Title *Nocardia pseudobrasiliensis* sp. nov., a new species of
Nocardia which groups bacterial strains previously identified
as *Nocardia brasiliensis* and associated with invasive
disease.

Journal Int. J. Syst. Bacteriol.

Volume 46

Page(s) 259-264

Year 1996



Genus: *Nocardia*

FH 2829

Species: *pseudobrasiliensis*

Numbers in other collections: ATCC 51512

Morphology:

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

Spore chains:

Spore surface:

Sporangia:

Fragmentation:

Melanoid pigment: - - - -

NaCl resistance: 0 %

Lysozyme resistance:

pH: Value-

Optimum-

Temperature : Value-

Optimum- 37°C

Carbon utilization:

Glu Ara Suc Xyl Ino Man Fru Rha Raf Cel

Enzymes:

Gel	Cit	Ure	Arg	Onp	Trp	Lys	Odc	VP	Ind	H ₂ S
+	-	+	-	-	-	-	-	+	-	-
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:



Nocardia pseudobrasiliensis

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



Nocardia pseudobrasiliensis

C – Microplate with ISP- and melanin media
D – Api Zym, 20E and Coryne (from the top)