

Name: *Rhodococcus gordoniae*

Authors: Jones et al. 2004

Status: New Species

Reference(s): Int. J. Syst. Evol. Microbiol. 54:410

Risk group: 2 (German classification)

Type strain: DSM 44689, NCTC 13296

Author(s) Jones, A. L., Brown, J. M., Mishra, V., Perry, J. D.,
Steigerwalt, A. G., Goodfellow, M.

Title *Rhodococcus gordoniae* sp. nov., an actinomycete isolated
from clinical material and phenol-contaminated soil.

Journal Int. J. Syst. Evol. Microbiol.

Volume 54

Page(s) 407-411

Year 2004



Genus: *Rhodococcus* FH 6442
Species: *gordoniae*
Numbers in other collections: DSM 44689

Morphology:

	G	R
<u>ISP 2</u>	good	vermillion
	A	SP
	none	none
	G	R
<u>ISP 3</u>	good	light red
	A	SP
	none	none
	G	R
<u>ISP 4</u>	sparse	vermillion
	A	SP
	-	-
	G	R
<u>ISP 5</u>	sparse	vermillion
	A	SP
	-	-
	G	R
<u>ISP 6</u>	good	vermillion
	A	SP
	none	none
<u>ISP 7</u>	G	R
	good	vermillion
	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:

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: Vermillion on medium 5429 and deep orange on 5475



Rhodococcus gordoniae

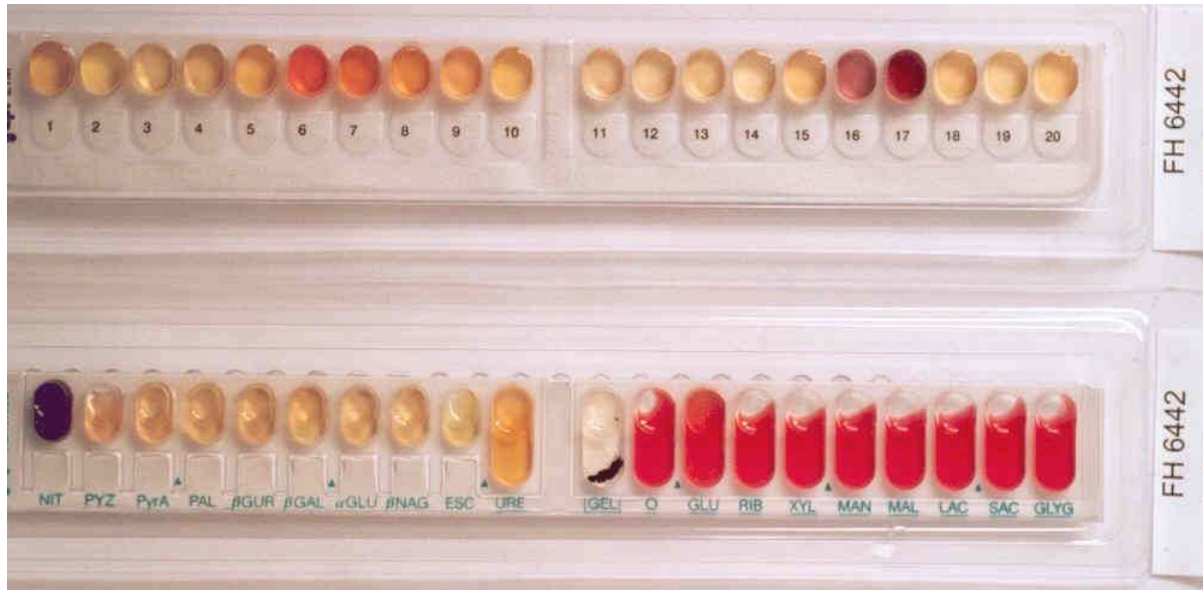
A and B – Agar plates medium 5006, 5265, 5315, 5429 and 5475



Rhodococcus gordoniae

C – Microplate with ISP- and melanin media

D – Microplate for carbon hydrate utilization



Rhodococcus gordoniae

E – Api Zym (upper) and Coryne