

Name: *Corynebacterium riegelii*

Authors: Funke et al. 1998

Status: New Species

Reference(s): Int. J. Syst. Bacteriol. 48:627 (validation list)

Risk group: 2 (German classification)

Type strain: CCUG 38180, CIP 105310, DMMZ 2415,
DSM 44326

Author(s) Funke, G., Lawson, P. A., Collins, M. D.
Title *Corynebacterium riegelii* sp. nov., an unusual species
isolated from female patients with urinary tract infections.
Journal J. Clin. Microbiol.
Volume 36
Page(s) 624-627
Year 1998



Genus: *Corynebacterium*

FH 6254

Species: *riegelii*

Numbers in other collections: DSM 44326

Reclassification:

Morphology:

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

Melanoid pigment: - - - -

NaCl resistance: %

Lysozyme resistance:

pH: Value- Optimum-

Temperature : Value- Optimum- 37°C

Enzymes:

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

Comments: good growth on 5436 + 5% blood (ivory)



Corynebacterium riegelii

- A – Growth on Trypticase soy agar (5436) with 5 % blood
- B – Agar plate media 5436 with blood, 5006, 5265 and 5315
- C – Microplate with ISP- and melanin media