

Name: *Corynebacterium glucuronolyticum*

Authors: Funke et al. 1995

Status: New Species

Reference(s): Int. J. Syst. Bacteriol. 45:879 (validation list)

Risk group: 2 (German classification)

Type strain: DSM 44120, ATCC 51860

Author(s) Funke, G., Bernard, K. A., Bucher, C., Pfyffer, G. E.,
Collins, M. D.

Title *Corynebacterium glucuronolyticum* sp. nov. isolated from
male patients with genitourinary infections.

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Genus: *Corynebacterium*

FH 6232

Species: *glucuronolyticum*

Numbers in other collections: DSM 44120

Basonym

Morphology:

	G	R
<u>ISP 2</u>	no growth	
	A	SP
	G	R
<u>ISP 3</u>	no growth	
	A	SP
	G	R
<u>ISP 4</u>	good	brown beige
	A	SP
	none	none
	G	R
<u>ISP 5</u>	no growth	
	A	SP
	G	R
<u>ISP 6</u>	no growth	
	A	SP
	G	R
<u>ISP 7</u>	good	brown beige
	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 Trypticase Soy Broth (5436) with 5 % blood



Corynebacterium glucuronolyticum

- A – Growth on Trypticase soy broth with 5 % blood
- B – Microplate with ISP- and melanin media
- C – Api Zym (lower) and Api Coryne