

Name: *Corynebacterium urealyticum*

Authors: Pitcher et al. 1992

Status: New Species

Reference(s): Int. J. Syst. Bacteriol. 42:180

Risk group: 2 (German classification)

Type strain: ATCC 43042, DSM 7109, NCTC 12011

Author(s) Pitcher, D., Soto, A., Soriano, F., Valero-Guillén, P.
Title Classification of coryneform bacteria associated with human urinary tract infection (group D2) as *Corynebacterium urealyticum* sp. nov.

Journal Int. J. Syst. Bacteriol.
Volume 42
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Year 1992



Genus: *Corynebacterium*

FH 2760

Species: *urealyticum*

Numbers in other collections: DSM 7109

Morphology:

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

NaCl resistance: 5%

Temperature: Value- °C Optimum- 37°C

Carbon utilization:

Glu Ara Suc Xyl Ino Man Fru Rha Raf Cel

Enzymes:

Api 20E	Gel	Cit	Ure	Arg	Onp	Trp	Lys	Odc	VP	Ind	H2S	
ApiZym	2	3	4	5	6	7	8	9	10	11	12	
	-	+	+	-	-	-	-	-	-	-	-	
	13	14	15	16	17	18	19	20				
	-	-	-	-	-	-	-	-				
ApiCoryne		Nit	Pyz	Pyr	Pal	βGur	βGal	αGlu	βNag	Esc	Ure	Gel
	-	-	-	-	-	-	-	-	-	+	-	-
	Glu	Rib	Xyl	Man	Mal	Lac	Sac	Glyg				
	-	-	-	-	-	-	-	-				

Comments: good growth on BHI (light ivory)



Corynebacterium urealyticum

A – Growth on medium 5425

B – Agar plates medium 5425, 5006, 5265 and 5315