

Name: *Corynebacterium kroppenstedtii*

Authors: Collins et al. 1998

Status: New Species

Reference(s): Int. J. Syst. Bacteriol. 48:1453

Risk group: 1 (German classification)

Type strain: CCUG 35717, DSM 44385

Author(s) Collins, M. D., Falsen, E., Akervall, E., Sjöden, B., Alvarez, A.
Title *Corynebacterium kroppenstedtii* sp. nov., a novel
corynebacterium that does not contain mycolic acids.
Journal Int. J. Syst. Bacteriol.
Volume 48
Page(s) 1449-1454
Year 1998

Genus: *Corynebacterium*

FH 6242

Species: *kroppenstedtii*

Numbers in other collections: DSM 44385

Basonym

Morphology:

	G	R
<u>ISP 2</u>	sparse	beige
	A	SP
	none	none
	G	R
<u>ISP 3</u>	sparse	beige
	A	SP
	none	none
	G	R
<u>ISP 4</u>	sparse	beige
	A	SP
	none	none
	G	R
<u>ISP 5</u>	sparse	beige
	A	SP
	none	none
	G	R
<u>ISP 6</u>	sparse	beige
	A	SP
	none	none
	G	R
<u>ISP 7</u>	sparse	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 Columbia Broth (5454) with 5 % blood (beige)



Corynebacterium kroppenstedtii

- A – Growth on Colombia broth agar (5454) with 5 % blood
- B – Agar plate media 5454 with blood, 5006, 5265 and 5315
- C – Api Zym (lower) and Api Coryne