

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