

Name: ***Turicella otitidis***

Authors: Funke et al. 1994

Status: New Species

Literature: Int. J. Syst. Bacteriol. 44:272

Risk group: 2 (German classification)

Type strain: 234/92, DSM 8821

Lit.: Funke, G., S. Stubbs, M. Altweg, A. Carlotti and M. D. Collins. 1994.  
*Turicella otitidis* gen. nov., sp. nov., a coryneform bacterium isolated  
from patients with otitis media.  
Int. J. System. Bacteriol.44: 270-273



**Genus:** *Turicella*

**FH 2908**

**Species:** *otitidis*

**Numbers in other collections:** DSM 8821

**Morphology:**

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

**NaCl resistance:**

7,5%

**Temperature:**

Value-

°C

Optimum-

37°C

**Carbon utilization:**

Glu	Ara	Suc	Xyl	Ino	Man	Fru	Rha	Raf	Cel
-	-	-	-	-	-	-	-	-	-

**Acid from (Api 20E):**

Glu	Man	Ino	Sor	Rha	Sac	Mel	Amy	Ara
-	-	-	-	-	-	-	-	-

**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 (ivory)



***Turicella otitidis***

A and B – Agar plates medium 5006, 5265, 5425 and 5315  
C – Api Coryne, Zym and 20E (from the top)