

Name: *Corynebacterium cystitidis*

Authors: Yanagawa and Honda 1978

Status: Approved Lists

Reference(s): Int. J. Syst. Bacteriol. 30:285 (AL)

Risk group: 2 (German classification)

Type strain: ATCC 29593, ATCC 29693, DSM 20524

Author(s) Yanagawa, R., Honda, E.
Title *Corynebacterium pilosum* and *Corynebacterium cystitidis*,
two new species from cows.
Journal Int. J. Syst. Bacteriol.
Volume 28
Page(s) 209-216
Year 1978



Genus: *Corynebacterium*

FH 2805

Species: *cystidis*

Numbers in other collections: DSM 20524

Morphology:

	G	R
<u>ISP 2</u>	good	saffron yellow
	A	SP
	none	none
	G	R
<u>ISP 3</u>	none	
	A	SP
	G	R
<u>ISP 4</u>	none	
	A	SP
	G	R
<u>ISP 5</u>	none	
	A	SP
	G	R
<u>ISP 6</u>	none	
	A	SP
	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
-	-	-	-	-	-	(+)	(+)	-	-

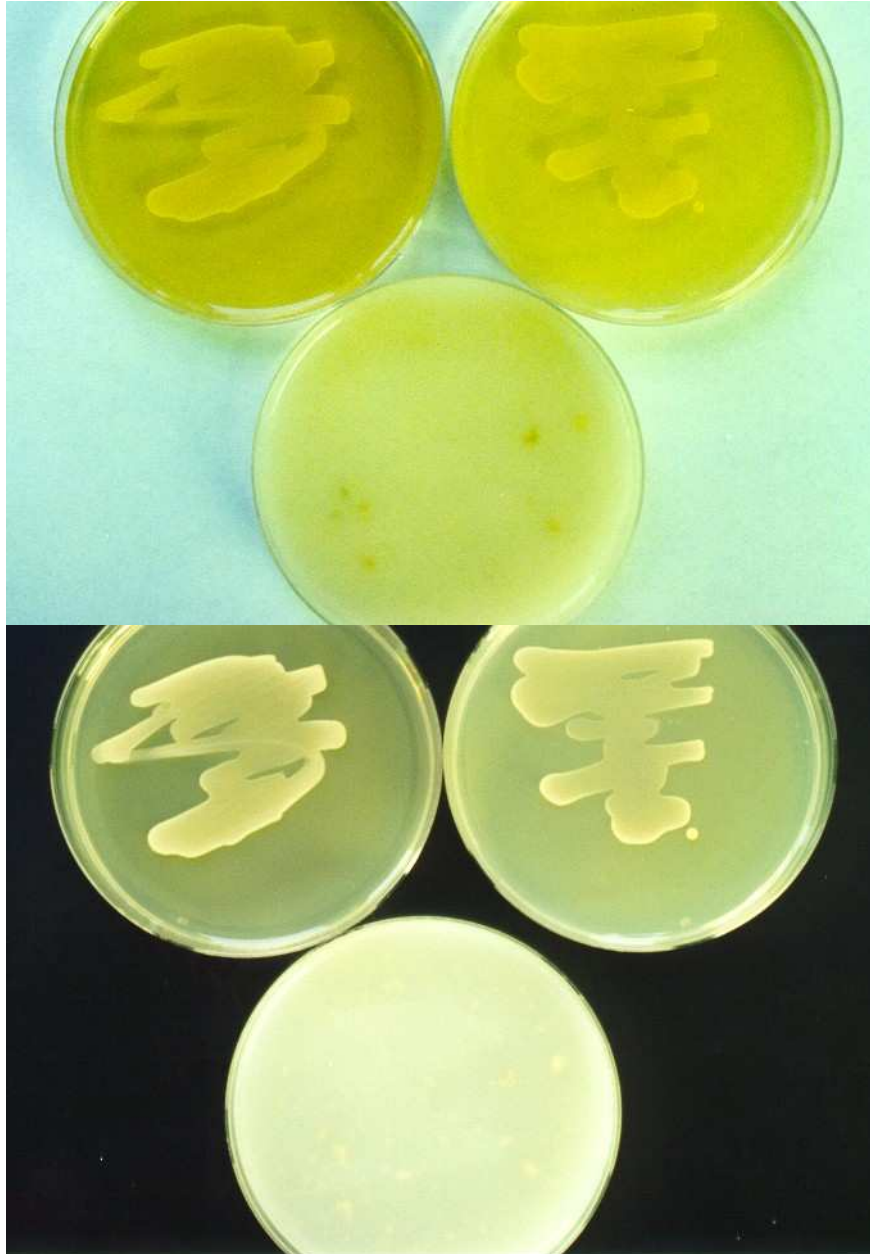
Acid from (Api 20E):

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:



Corynebacterium cystitidis

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