

Name: ***Streptomyces prasinosporus***

Authors: Tresner et al. 1966

Status: Approved Lists

Reference(s): Int. J. Syst. Bacteriol. 30:397 (AL)

Risk group: 1 (German classification)

Type strain: ATCC 17918, CBS 720.72, IFO 13419, ISP 5506,  
RIA 1380, DSM 40506

**Genus:** *Streptomyces*

FH 2075

**Species:** *prasinosporus*

**Numbers in other collections:** DSM 40506

Morphology:

<u>ISP 2</u>	G	R
	good	yellow
	A	SP
<u>ISP 3</u>	white	none
	G	R
	good	yellow/brown
<u>ISP 4</u>	A	SP
	gray green	none
	G	R
<u>ISP 5</u>	good	yellow
	A	SP
	white	none
<u>ISP 6</u>	G	R
	good	yellow
	A	SP
<u>ISP 7</u>	none	yellow/brown
	G	R
	good	yellow
	A	SP
	green	none

Spore chains: Sp

Spore surface: hairy

Sporangia:

Fragmentation:

**Melanoid pigment:** (+) - + -

**NaCl resistance:** 2,5 %

**Lysozyme resistance:**

**pH:** Value- Optimum-

**Temperature :** Value- Optimum- 28 °C

**Carbon utilization:**

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

**Enzymes:**

Gel	Cit	Ure	Arg	Onp	Trp	Lys	Odc	VP	Ind	H2S
(+)	-	-	-	+	+	-	-	-	-	-

**Comments:**



***Streptomyces prasinosporus***

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



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C and D – Microplate with ISP- and melanin media