Name: ***Gordonia otitidis***

Authors: Iida et al. 2005

Status: New Species

Reference: Int. J. Syst. Evol. Microbiol. 55:1875
Risk group: 2 (German classification)
Type strain: DSM 44809, IFM 10032, JCM 12355, NBRC 100426

Author: Iida, S., Taniguchi, H., Kageyama, A., Yazawa, K., Chibana, H., Murata, S., Nomura, F., Kroppenstedt, R. M., Mikami, Y.
Title: Gordonia otitidis sp. nov., isolated from a patient with external otitis.
Journal: Int. J. Syst. Evol. Microbiol.
Volume: 55
Page: 1871-1876
Year: 2005

***Gordonia otitidis***
Api Zym (upper) and Coryne

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**Genus:** ***Gordonia*** **FH 6602**
**Species:** ***otitidis***
**Numbers in other collections: DSM 44809**
Morphology:

| | | |
|---|---|---|
| | G | R |
| ISP 2 | good | pure orange |
| | A | SP |
| | none | none |
| | G | R |
| ISP 3 | good | beige |
| | A | SP |
| | none | none |
| | G | R |
| ISP 4 | sparse | |
| | A | SP |
| | G | R |
| ISP 5 | good | pure orange |
| | A | SP |
| | none | none |
| | G | R |
| ISP 6 | good | beige |
| | A | SP |
| | none | none |
| ISP 7 | G | R |
| | good | pure orange |
| | A | SP |
| | none | none |

**Melanoid pigment:** - - - -
**NaCl resistance:** %
**Lysozyme resistance:**
**pH:** Value- Optimum-
**Temperature :** Value- Optimum- 28 ℃
**Carbon utilization:**

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

**Enzymes:**

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 2- | 3- | 4+ | 5+ | 6+ | 7- | 8- | 9- | 10- | 11+ | |
| 12+ | 13- | 14- | 15- | 16+ | 17+ | 18- | 19- | 20- | | |
| Nit | Pyz | Pyr | Pal | βGur | βGal | αGlu | βNag | Esc | Ure | Gel |
| + | - | - | - | - | - | + | - | - | - | - |
| Glu | Rib | Xyl | Man | Mal | Lac | Sac | Glyg | | | |

**Comments:** good growth on medium 5006 (pure orange)

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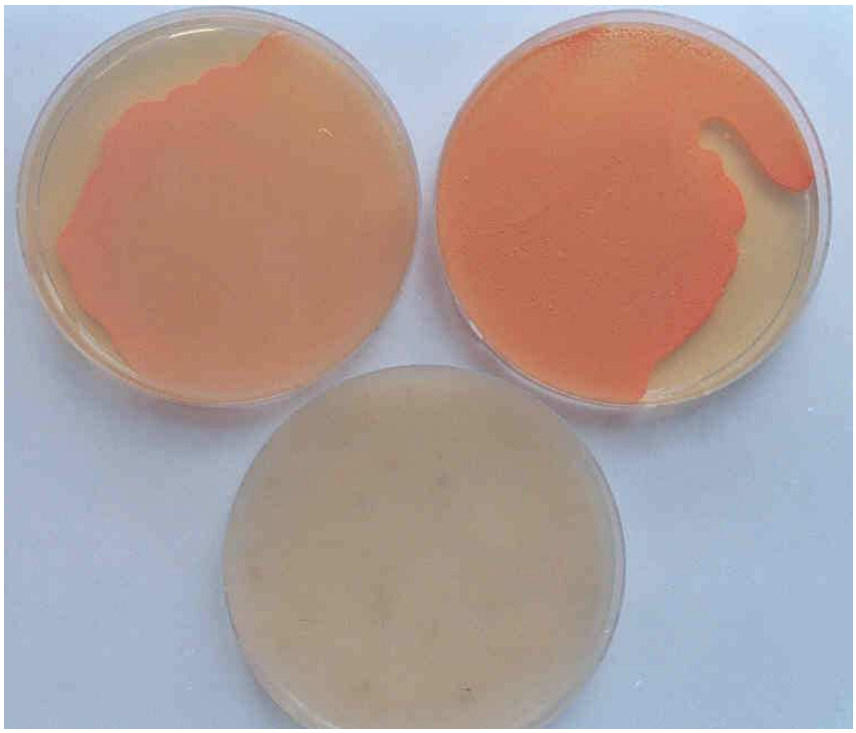

***Gordonia otitidis***
A and B – Agar plates medium 5006, 5265 and 5315

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***Gordonia otitidis***
C – Microplate with ISP- and melanin media
D – Microplate for carbon utilization

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