

Name: *Nocardia aobensis*

Authors: Kageyama et al. 2005

Status: New Species

Reference: Int. J. Syst. Evol. Microbiol. 55:547

Risk group: ?

Type strain: DSM 44805, IFM 0372, JCM 12352

Author(s) Kageyama, A., Suzuki, S., Yazawa, K., Nishimura, K.,
Kroppenstedt, R. M., Mikami, Y.

Title *Nocardia aobensis* sp. nov., isolated from patients in Japan.

Journal Microbiol. Immunol.

Volume 48

Page(s) 817-822

Year 2004

Genus: *Nocardia*

FH 6548

Species: *aobensis*

Numbers in other collections: DSM 44805

Morphology:

| | | |
|--------------|------|---------------|
| | G | R |
| <u>ISP 2</u> | good | yellow orange |
| | 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 |

Melanoid pigment: - - - -

NaCl resistance: %

Lysozyme resistance:

pH: Value- Optimum-

Temperature : Value- Optimum- °C

Carbon utilization:

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

Enzymes:

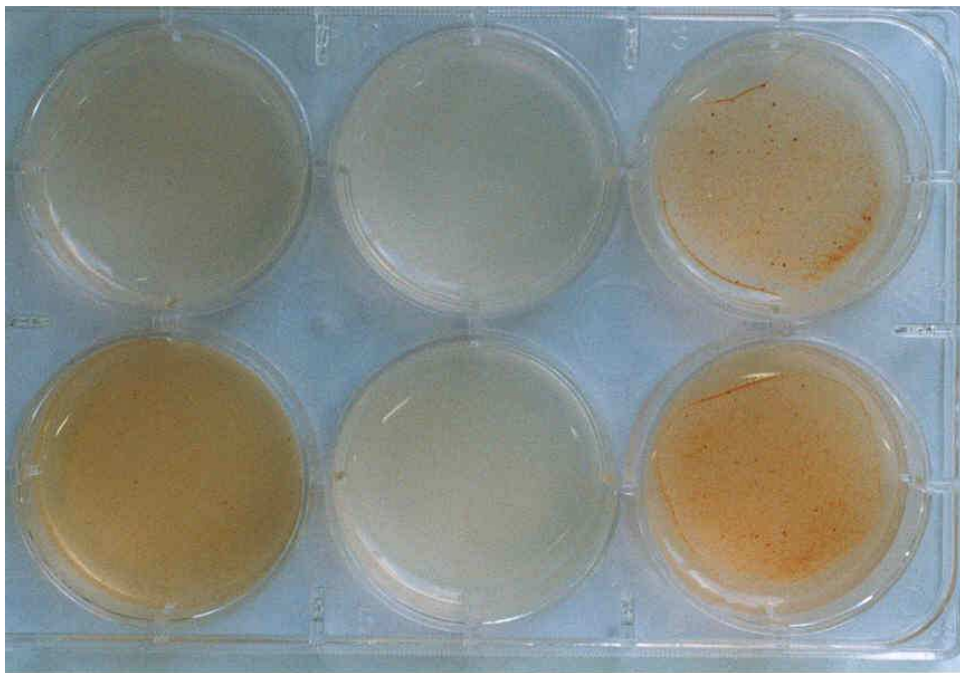
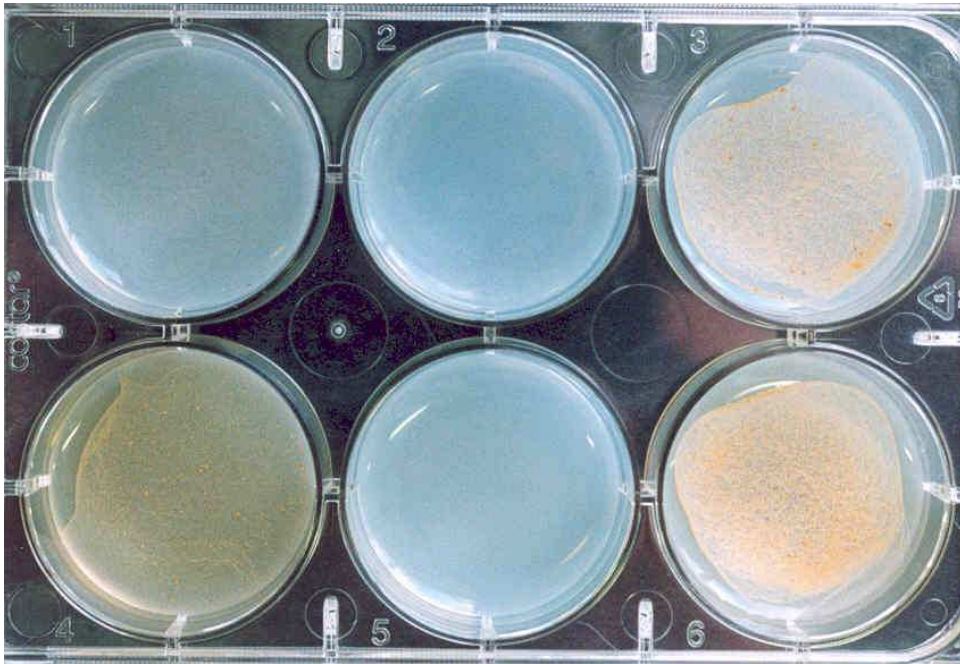
| | | | | | | | | | | |
|-----|------|-----|-----|------|------|------|------|-----|-----|-----|
| 2+ | 3(+) | 4+ | 5- | 6+ | 7- | 8- | 9(+) | 10- | 11+ | |
| 12+ | 13- | 14- | 15- | 16+ | 17+ | 18- | 19- | 20- | | |
| Nit | Pyz | Pyr | Pal | βGur | βGal | αGlu | βNag | Esc | Ure | Gel |
| - | - | -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

Comments:



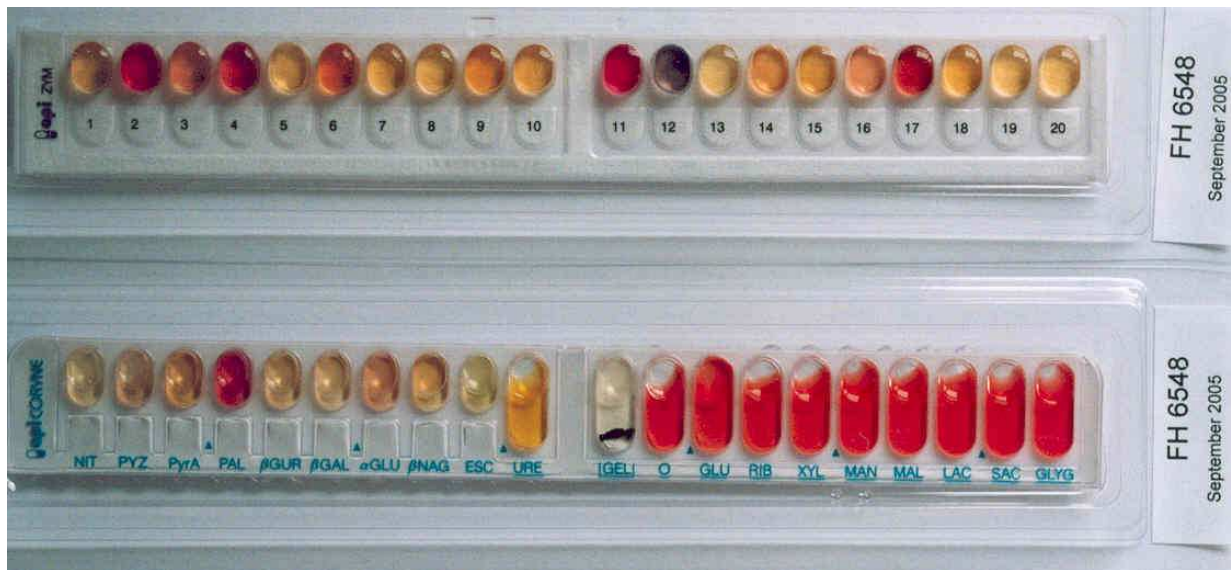
Nocardia aobensis

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



Nocardia aobensis

C and D – Microplate with ISP- and melanin media



Nocardia aobensis

E – Api Zym (upper) and Coryne