

Reporting Title: Susc, Aerobic Actinomycetes
Performing Location: Rochester

Ordering Guidance:

This test is intended for assessing antimicrobial susceptibility of *Nocardia* species and other pathogenic aerobic actinomycetes which include the more commonly isolated genera of *Rhodococcus*, *Streptomyces*, *Gordonia*, *Dietzia*, *Tsukamurella*, and *Williamsia* species, as well as the lesser isolated genera which include *Actinomadura*, *Amycolatopsis*, *Dermatophilus*, *Kroppenstedtia*, *Nocardiosis*, *Nonomuraea*, *Pseudonocardia*, *Saccharomonospora*, and *Saccharopolyspora* species.

Certain genera of aerobic actinomycetes will not be accepted for susceptibility testing. Aerobic actinomycetes genera that will not be tested include the following: *Actinoallomurus*, *Actinocatenispora*, *Actinoplanes*, *Aeromicrobium*, *Croceifilum*, *Hazenella*, *Intrasporangium*, *Kineosphaera*, *Kitasatospora*, *Kribella*, *Kutzneria*, *Laceyella*, *Marinactinospora*, *Microbispora*, *Micromonospora*, *Nocardioides* (not *Nocardia*), *Phycococcus*, *Piscicoccus*, *Prauserella*, *Risungbinella*, *Saccharothrix*, *Sphaerimonospora*, *Spirillospora*, *Streptosporangium*, *Terracoccus*, and *Thermoactinomyces*.

Additional Testing Requirements:

If organism identification is not provided, CTB / Mycobacteria and *Nocardia* Culture, Varies or CTBID / Culture Referred for Identification, *Mycobacterium* and *Nocardia*, Varies **must also** be ordered and will be charged separately.

Shipping Instructions:

- For shipping information see [Infectious Specimen Shipping Guidelines](#).
- Place specimen in a large infectious container and label as an etiologic agent/infectious substance.

Necessary Information:

- Specimen source is required.**
- Organism identification is required** unless either CTB / Mycobacteria and *Nocardia* Culture, Varies or CTBID / Culture Referred for Identification, *Mycobacterium* and *Nocardia*, Varies is also ordered.

Specimen Requirements:

Specimen Type: Organism in pure culture
Supplies: Infectious Container, Large (T146)
Container/Tube:
Preferred: Middlebrook 7H10 agar slant without antimicrobials
Acceptable: Sabouraud's dextrose agar slant or similar media without antimicrobials (eg, 7H11 agar slant, LJ, MGIT [7H9] broth media)
Specimen Volume: Isolate
Collection Instructions: Organism must be in pure culture, actively growing.

Forms:

If not ordering electronically, complete, print, and send a [Microbiology Test Request](#) (T244) with the specimen.

| Specimen Type | Temperature | Time | Special Container |
|---------------|---------------------|------|-------------------|
| Varies | Ambient (preferred) | | |

Test Definition: MMLNS

Antimicrobial Susceptibility, Nocardia species
and other Aerobic Actinomycetes, Varies

| | | | |
|--|--------------|--|--|
| | Refrigerated | | |
|--|--------------|--|--|

Ask at Order Entry (AOE) Questions:

| Test ID | Question ID | Description | Type | Reportable |
|---------|-------------|--|------------|------------|
| MMLNS | Q00M0037 | Specimen Source (Required) and Organism Identification (Required unless concurrent identification test is ordered) | Plain Text | Yes |

Result Codes:

| Result ID | Reporting Name | Type | Unit | LOINC® |
|-----------|-----------------------------|--------------|------|---------|
| MMLNS | Susc, Aerobic Actinomycetes | Alphanumeric | mL | 29577-4 |

LOINC® and CPT codes are provided by the performing laboratory.

Supplemental Report:

No

CPT Code Information:

87186

Reflex Tests:

| Test Id | Reporting Name | CPT Units | CPT Code | Always Performed | Available Separately |
|---------|---------------------|-----------|----------|------------------|----------------------|
| MIC | Susceptibility, MIC | 1 | 87186 | No | No, (Bill Only) |

Reference Values:

Interpretive criteria and reporting guidelines are followed using the Clinical Laboratory Standards Institute (CLSI) M24S document.