

## Aerobic Bacterium Identification and Susceptibility

Test ID:

392

CPT:

Dependent upon method of identification. Identification by biochemicals (CPT code(s): 87077) or Gas liquid chromatography (CPT code(s): 87143) or Identification by nucleic acid probe (CPT code(s): 87149) or Serogrouping or serotyping (CPT code(s): 87147) or Immunofluorescent study (CPT code(s): 87140). If submitted culture is no growth or mixed growth with no further identification (CPT code(s): 87999).

### Clinical Significance

Aerobic Bacterium Identification and Susceptibility - Organisms are evaluated according to clinical significance. If appropriate, the genus and species will be determined, and susceptibility testing will be performed. The susceptibility of a specific organism to a specific antimicrobial agent can indicate the relative success or failure that may be expected if this agent is used to treat that organism. Susceptibility reports can be used as a guide in the choice of therapy; to confirm an empiric therapeutic decision, or to confirm antimicrobial resistance.

### Test Details

#### Components:

**Methodology:** Varies. Antibiotic susceptibilities will be performed if appropriate.

### Reference Range

### Container

Sealed screw-capped agar tube in a double-walled container

### Transport Temperature

Room temperature

### Specimen(s)

Pure culture isolate on a suitable agar (solid) medium slant

Minimum Volume:  
not applicable - must be viable

### Specimen Stability

Deliver to the microbiology laboratory as soon as possible. Room temperature: Stability varies with organism and transport system.

### Reject Criteria

Frozen isolates • Liquid media • Non-viable isolate

### Days Performed

Set up: Daily;  
Report available: Varies

### Collection Instructions

**Do not submit mixed cultures.** Provide available laboratory data. Also include source and date of inoculation.

Note: If susceptibility testing is not required, please refer to test code 34118.

#### Alternative Specimen(s)

Swab of pure culture in aerobic transport system • Broth transport • Uri-cult paddles (UP)

\*The CPT codes provided are based on AMA guidance and are for informational purposes only. CPT coding is the sole responsibility of the billing party. Please direct any questions regarding coding to the payer being billed.