

Overview

Useful For

Detecting bacteria responsible for infections of sterile body fluids, tissues, or wounds

This test is **not intended for** medicolegal use.

Reflex Tests

Test Id	Reporting Name	Available Separately	Always Performed
COMM	Identification Commercial Kit	No, (Bill Only)	No
RMALD	Ident by MALDI-TOF mass spec	No, (Bill Only)	No
GID	Bacteria Identification	No, (Bill Only)	No
ISAE	Aerobe Ident by Sequencing	No, (Bill Only)	No
REFID	Additional Identification Procedure	No, (Bill Only)	No
SALS	Serologic Agglut Method 1 Ident	No, (Bill Only)	No
EC	Serologic Agglut Method 2 Ident	No, (Bill Only)	No
SHIG	Serologic Agglut Method 3 Ident	No, (Bill Only)	No
STAP	Identification Staphylococcus	No, (Bill Only)	No
STRP	Identification Streptococcus	No, (Bill Only)	No
TISSR	Tissue Processing	No, (Bill Only)	No
SIDC	Ident Serologic Agglut Method 4	No, (Bill Only)	No
PCRID	Identification by PCR	No, (Bill Only)	No
HPCR1	H pylori + Clarithro Resistance PCR	No, (Bill Only)	No

Testing Algorithm

When this test is ordered, the reflex tests may be performed at an additional charge.

Method Name

Conventional Culture Technique

NY State Available

Yes

Specimen

Specimen Type

Varies

Ordering Guidance

If susceptibilities are also desired, order GENS / Bacterial Culture, Aerobic with Antimicrobial Susceptibilities, Varies.

Shipping Instructions

Specimen must be received in laboratory within 24 hours of collection.

Necessary Information

Specimen source is required: include the specific anatomic source. Indicate whether it is a "surface" or "deep/surgical" specimen. **Do not** label only as "wound."

Specimen Required

Preferred:

Specimen Type: Closed abscess; Deep tissue or fluid

Container/Tube: Sterile container

Specimen Volume: Entire collection

Collection Instructions: Aspirate the abscess contents with a syringe or excise a portion of tissue.

Acceptable:

Supplies:

Culturette (BBL Culture Swab) (T092)

BD E-Swab (T853)

Specimen Type: Open abscess, swab, tissue, or fluid

Sources: Abscess, aspirate, lesion, or wound

Container/Tube: Sterile container, culture transport swab (Dacron or rayon swab with aluminum or plastic shaft with either Stuart or Amies liquid medium), or ESwab

Collection Instructions: For most open lesions and abscesses, remove superficial flora by decontaminating skin before collecting a specimen from advancing margin or base.

Additional Information:

1. If submitting a specimen from a source contaminated with usual flora, send at refrigerated temperature.
2. Refrigerated specimens are not suitable for isolation of *Neisseria* species.

Specimen Minimum Volume

0.5 mL

Reject Due To

Dry swab;	Reject
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Specimen Stability Information

Specimen Type	Temperature	Time	Special Container
Varies	Ambient (preferred)	24 hours	
	Refrigerated	24 hours	

Clinical & Interpretive**Clinical Information**

Sterile Body Fluids and Normally Sterile Tissues:

In response to infection, fluid may accumulate in any body cavity.

Wound, Abscess, Exudates:

Skin and soft tissue infections can occur as a result of a break in the skin surface, as complications of surgery, from trauma; human, animal, or insect bites, or from diseases that interrupt a mucosal or skin surface. Specimen collection is of utmost importance for these specimen types. For most open lesions and abscesses, remove the superficial flora by decontaminating the skin before collecting a specimen from the advancing margin or base. A closed abscess is the specimen site of choice. Aspirate the abscess contents with a syringe.

The specific anatomic site is required to establish possible contaminating flora in the area of specimen collection for appropriate reporting of culture results. For this reason, specimens should be labeled as to the specific anatomic source and to distinguish between "surface" and "deep/surgical" specimens. Do not label only as "wound."

Reference Values

No growth or usual flora

Identification of probable pathogens

Interpretation

When no resident flora is present, any microorganism found is considered significant and is reported.

For specimens contaminated with normal bacterial flora, bacteria that are potentially pathogenic are identified.

Cautions

No significant cautionary statements

Clinical Reference

1. Forbes BA, Sahm DF, Weissfeld AS: Infections of the urinary tract. In: Bailey and Scott's Diagnostic Microbiology. 12th ed. Mosby; 2007:842-855
2. Miller JM, Binnicker MJ, Campbell S, et al: A guide to utilization of the microbiology laboratory for diagnosis of infectious diseases: 2018 Update by the Infectious Diseases Society of America and the American Society for Microbiology. Clin Infect Dis. 2018 Aug 31;67(6):e1-e94. doi: 10.1093/cid/ciy381
3. Procop GW, Church DL, Hall GS, et al: Introduction to Microbiology Part II: Guidelines for the collection, transport, processing, analysis, and reporting of cultures from specific specimen sources. In: Koneman's Color Atlas and Textbook

of Diagnostic Microbiology. 7th ed. Wolters Kluwer Lippincott Williams and Wilkins; 2017:66-110

Performance

Method Description

Specimens are cultured to enriched or selective media appropriate to the anatomic location and the scope of microorganisms expected. Cultures are incubated for 3 to 5 days depending on the specimen source. Pathogens or possible pathogens are identified using 1 or a combination of the following techniques: commercial identification strips or panels, matrix-assisted laser desorption/ionization time-of-flight (MALDI-TOF) mass spectrometry, conventional biochemical tests, carbon source utilization, real-time polymerase chain reaction (RT-PCR), and nucleic acid sequencing of the 16S ribosomal RNA (rRNA) gene. "Usual flora" is reported as such (as appropriate to the specimen). (Leber AL, ed: Clinical Microbiology Procedures Handbook. . Vol 1. 4th ed. ASM Press; 2016:sections 3.5, 3.7, 3.9, 3.10, 3.13)

PDF Report

No

Day(s) Performed

Monday through Sunday

Report Available

5 to 14 days

Specimen Retention Time

2 days

Performing Laboratory Location

Rochester

Fees & Codes

Fees

- Authorized users can sign in to [Test Prices](#) for detailed fee information.
- Clients without access to Test Prices can contact [Customer Service](#) 24 hours a day, seven days a week.
- Prospective clients should contact their account representative. For assistance, contact [Customer Service](#).

Test Classification

This test has been cleared, approved, or is exempt by the US Food and Drug Administration and is used per manufacturer's instructions. Performance characteristics were verified by Mayo Clinic in a manner consistent with CLIA requirements.

CPT Code Information

87070-Bacterial, Culture, Aerobic

- 87077-Identification commercial kit (if appropriate)
- 87077-Ident by MALDI-TOF mass spec (if appropriate)
- 87077-Bacteria identification (if appropriate)
- 87077-Additional identification procedure (if appropriate)
- 87077-Identification Staphylococcus (if appropriate)
- 87077-Identification Streptococcus (if appropriate)
- 87147 x 1-3-Serologic agglut method 1 ident (if appropriate)
- 87147-Serologic agglut method 2 ident (if appropriate)
- 87147 x 4-Serologic agglut method 3 ident (if appropriate)
- 87147 x 2-6 - Serologic Agglut Method 4 Ident (if appropriate)
- 87153-Aerobe ident by sequencing (if appropriate)
- 87176-Tissue processing (if appropriate)
- 87150-Identification by PCR (if appropriate)
- 87150-H pylori + Clarithro Resistance PCR (if appropriate)

LOINC® Information

Test ID	Test Order Name	Order LOINC® Value
GEN	Bacterial Culture, Aerobic	634-6

Result ID	Test Result Name	Result LOINC® Value
GEN	Bacterial Culture, Aerobic	634-6