
Reporting Title: Broad Range Bacteria PCR+Sequencing**Performing Location:** Rochester**Necessary Information:**

Specimen source is required.

Specimen Requirements:

Fresh tissue is preferred over formalin-fixed, paraffin-embedded tissue.

Submit only 1 of the following specimens:

Preferred Specimen Type:

Specimen Type: Fresh tissue or biopsy

Sources: Normally sterile tissue such as bone, lymph node, joint, heart valve, brain, viscera, organ, lung, prostate

Container/Tube: Sterile container

Specimen Volume: Entire collection or 5 mm(3)-approximately the size of a pencil eraser

Collection Instructions:

1. Collect fresh tissue specimen.
2. Submit tissue only, do not add fluid to tissue.
3. Freeze specimen.

Specimen Stability Information: Frozen <21 days (preferred)/Refrigerated <21 days

Alternate Specimen Type:

Preferred: Paraffin-embedded tissue block:

Supplies: Tissue Block Container (T553)

Specimen Type: Formalin-fixed, paraffin-embedded (FFPE) tissue block

Sources: Normally sterile or deep tissues such as bone, lymph node, joint, heart valve, brain, viscera, organ, lung, prostate

Container/Tube: Tissue block

Collection Instructions: Submit a formalin-fixed, paraffin-embedded tissue block to be cut and returned.

Specimen Stability Information: Ambient (preferred)/Refrigerated

Acceptable: Paraffin-embedded tissue block:

Specimen Type: Section (scrolls) of FFPE tissue block

Sources: Normally sterile or deep tissues such as bone, lymph node, joint, heart valve, brain, viscera, organ, lung, prostate

Container/Tube: Sterile container for each individual cut section (scroll)

Collection Instructions: Perform microtomy and prepare five separate 10-micron sections. Each section (scroll) must be placed in a separate sterile container for submission.

Specimen Stability Information: Ambient (preferred)/Refrigerated

Specimen Type: Fluid

Sources: Normally sterile body fluids such as cerebrospinal, vitreous humor, pleural, abdominal, peritoneal, ascites, pericardial, pelvic, prostatic

Container/Tube: Screw-capped, sterile container

Specimen Volume: 1 mL

Collection Instructions:

1. Collect fresh fluid specimen.
2. Freeze specimen.

Specimen Stability Information: Frozen <21 days(preferred)/Refrigerated <21 days

Specimen Type: Synovial fluid

Container/Tube:

Preferred: Red top or sterile container

Acceptable: Lavender top (EDTA), pink top (EDTA), royal blue top (EDTA), or sterile vial containing EDTA-derived aliquot

Specimen Volume: 1 mL

Collection Instructions: Send specimen in original tube (preferred).

Specimen Stability Information: Frozen <21 days (preferred)/ Refrigerated <21 days

Specimen Minimum Volume:

Fluid: 0.5 mL

Fresh tissue or biopsy: 5 mm(3)

Paraffin-embedded tissue block: two 10-micron sections

Forms:

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

Specimen Type	Temperature	Time	Special Container
Varies	Varies		

Ask at Order Entry (AOE) Questions:

Test ID	Question ID	Description	Type	Reportable
BRBPS	Q00M0078	Specimen Source	Plain Text	No

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
BRBPS	Broad Range Bacteria PCR+Sequencing	Alphanumeric		76575-0

LOINC and CPT codes are provided by the performing laboratory.

Supplemental Report:

No

CPT Code Information:

87801-Broad Range Bacterial PCR and Sequencing
87798-Bacterial Ident by Sequencing (if appropriate)
87798-Specimen Identification by PCR (if appropriate)
87798-Ident by Next Generation Sequencing (if appropriate)
87483-Meningitis Encephalitis Panel, PCR (if appropriate)

Reflex Tests:

Test ID	Reporting Name	CPT Units	CPT Code	Always Performed	Orderable Separately
ISBA	Bacterial Ident by Sequencing			No	No (Bill Only)
ISNGS	Ident by Next Generation Sequencing			No	No (Bill Only)
SPID2	Specimen Identification by PCR			No	No (Bill Only)
CSFME	Meningitis Encephalitis Panel, PCR			No	Yes

Result Codes for Reflex Tests:

Test ID	Result ID	Reporting Name	Type	Unit	LOINC®
CSFME	SRCSF	Specimen Source	Alphanumeric		31208-2
CSFME	42375	Escherichia coli K1	Alphanumeric		82182-7
CSFME	42376	Haemophilus influenzae	Alphanumeric		82183-5
CSFME	42377	Listeria monocytogenes	Alphanumeric		82184-3
CSFME	42378	Neisseria meningitidis	Alphanumeric		82185-0
CSFME	42379	Streptococcus agalactiae	Alphanumeric		82186-8
CSFME	42380	Streptococcus pneumoniae	Alphanumeric		82187-6
CSFME	42381	Cytomegalovirus	Alphanumeric		82189-2
CSFME	42382	Enterovirus	Alphanumeric		82194-2
CSFME	42383	Herpes Simplex Virus 1	Alphanumeric		82190-0
CSFME	42384	Herpes Simplex Virus 2	Alphanumeric		82191-8
CSFME	42385	Human Herpes Virus 6	Alphanumeric		82192-6

Test ID	Result ID	Reporting Name	Type	Unit	LOINC®
CSFME	42386	Human Parechovirus	Alphanumeric		82193-4
CSFME	42387	Varicella Zoster Virus	Alphanumeric		82188-4
CSFME	42388	Cryptococcus neoformans/gattii	Alphanumeric		82181-9
CSFME	605190	Interpretation	Alphanumeric		59464-8

Reference Values:

No bacterial DNA detected