

CMPT Case History Sheet, M171
shipping date: **May 9, 2017** report due date: **May 24, 2017**

CMPT recognizes that some of these samples may not be routinely accepted in their current format. However, these formats are currently used for proficiency testing samples only. Please process samples in this format if the sample type is part of your laboratory's protocol.

CMPT Specimen No.	Sample Type (simulated)	History Description	Instructions Set up and report as per your laboratory protocol.
G171 (companion to M171-5)	Peritoneal Fluid smear	50 year old patient with intra-abdominal sepsis	DO NOT heat or alcohol fix the smear prior to staining. Please stain smear <u>label side up</u> . Stain the slide using Gram stain reagents and store the slide for future reference. Perform this challenge if your laboratory does any gram staining. If your laboratory does not routinely read this type of smear, note this with your results. To enter results on-line, use the <u>Gram Smear Report Form</u> .
M171-1	Midstream Urine sample	7 year old female with frequency	To enter results on-line, use the <u>Specimen ID 1 Report Form</u> and <u>Susceptibility 1 Report Form</u>
M171-2	Stool sample	25 year old traveler returning from Finland	To enter results on-line, use the <u>Specimen ID 2 Report Form</u>
M171-3	Wound Swab	38 year old pig farmer with hand wound	To enter results on-line, use the <u>Specimen ID 3 Report Form</u>
M171-4	Blood Culture sample	57 year old male with bowel obstruction	To enter results on-line, use the <u>Specimen ID 4 Report Form</u>
M171-5 (companion to G171)	Peritoneal Fluid sample	50 year old patient with intra-abdominal sepsis	To enter results on-line, use the <u>Specimen ID 5A and 5B Report Form</u> and <u>Susceptibility 5A and 5B Report Form</u>

**If your laboratory normally performs susceptibility testing on an isolate and there is no form designated, CMPT does not require a susceptibility report for the challenge. If you would like to report susceptibilities, please enter the results in the comments box of the Specimen Identification form or e-mail the report to info@cmpt.ca.*

NOTE: If you would like to fax your report to CMPT, report forms (Gram Smear, Urine, Clinical Relevancy, Specimen Identification, Susceptibility, and *Clostridium difficile*) can be printed from www.cmpt.ca.

Reporting Results

- If relevant, state if the organism would be sent to a reference laboratory for complete identification.
- Interpretation of laboratory response is based on organism identification or laboratory phrase.
- For conventional or "classical" testing, include pertinent individual tests and results.
- If a simulated proficiency sample is a **specific specimen** that your laboratory would **normally perform a gram smear**, it is advised to do the same for a CMPT swab. Currently CMPT swabs do not contain cells
- If a request accompanies a sample to report "**as per your laboratory protocol**", include only susceptibility results that would be included in the final clinical report. If antimicrobial testing is not applicable in your laboratory, please note this. Interpretations of susceptibility values **must** accompany susceptibility results **R, I, S**).
- Samples designated to be assessed based on **clinical relevancy**; grades will be based on the exact wording a laboratory would include in a final clinical report (use CMPT "**Clinical Relevancy Report Form**" or another specified form).
- Fill in the information requested on all the report forms as completely as possible.

Please submit a report even if your laboratory does not normally perform testing on a particular type of specimen and indicate accordingly on the report. If a report for a specimen challenge is not submitted, it will be entered as "no report" for the challenge.

Please Note:

- Follow the instructions enclosed (available at www.cmpt.ca) and use only the forms specified for the corresponding challenge. If the wrong form is used, the challenge will be graded as unacceptable (0).
- Use only CMPT identifiers when reporting results. All identifiers can be found on the case history sheet included with your package. The challenge will be graded as unacceptable (0), if identifiers used are not recognized by CMPT.
- Report 2 CMPT identifiers when reporting results. Use the CMPT challenge number and the source and specimen type. Also, use full CMPT identifiers, eg. G171, GS171-1, M171-1, when reporting results. Do not use partial/incomplete identifiers, eg. 171, G171-1 or GS171. The challenge will be graded as unacceptable (0), if identifiers are absent, partial/incomplete or incorrect.

Report forms can be obtained from the web site, www.cmpt.ca or phone by 604-827-1754 or 1-866-579-CMPT (2678).

Results should be entered via the on-line data entry program, www.cmpt.ca (Please see enclosed instructions). If you do not have access to the internet, please **fax** your results to **604-827-1338** or **1-866-580-CMPT (2678)**.

CMPT Blood Culture Sample - Instructions

1. There are two vials enclosed:
 - vial with 10 mLs of defibrinated blood
 - vial with 2 beads

If you do not have 2 vials or if one or both vials is/are leaking, please contact CMPT for a replacement as soon as possible.
2. Using sterile technique, transfer the vial with the blood to vial with the bead.
3. Recap the blood/bead vial and rock gently for 1 minute.
4. Let vial stand for 10 minutes.
5. Aspirate **5 ml from the blood/bead** mixture and inoculate the contents into an **aerobic** blood culture bottle and the remaining **5 ml from the blood/bead** mixture into an **anaerobic** blood culture bottle.
6. Proceed as per your laboratory's usual blood culture protocol.

If you have any questions, please contact CMPT as soon as possible