CDC's Healthcare-Associated Infections Community Interface (HAIC) *Staphylococcus aureus* 2024 Laboratory Survey

Form approved
OMB No. 0920-0978
Expires xx/xx/xxxx

Date Survey Completed: _____ EIP Site: _____ Completed by: _____

Hospital/Lab ID: _____ Lab contact to complete the survey (name/title): _____

Date Last Survey Completed: _____

□ Lab did not respond – END SURVEY

1. Type of laboratory
   - ☐ Hospital laboratory
   - ☐ Commercial or private reference laboratory
   - ☐ State or local public health laboratory
   - ☐ Other, please specify_____

2. During the past year (i.e., in the past 12 months or since the completion of the last lab survey), has your lab changed testing methods used to detect any of the following pathogens:

	Yes	No	Not applicable/ no surveillance
MRSA only	☐	☐	☐
All *Staphylococcus aureus*	☐	☐	☐

2a. If yes, what change(s) did you make?

_____

2b. If yes when did the change occur?

MRSA (i.e., not for MSSA) (Month/year of change) _____/_____

Staphylococcus aureus (i.e., both MRSA and MSSA) (Month/year of change) _____/_____

Staphylococcus aureus (methicillin-sensitive and methicillin-resistant)

3. Do you routinely set up culture for sterile sites (blood, CSF, bone, etc.) on site (in-house) at your laboratory?

☐ Yes - GO TO Q4 ☐ No – GO TO Q3a

3a. [If no] To which laboratory do you send sterile specimens for culture/identification?

_____ – GO TO Q5

Question 4 asks about methods for identifying *S. aureus* or MRSA from a positive sterile site (blood, CSF, bone, etc.) culture.

4. If a sterile site culture is positive, is sub-culturing to obtain an isolate always performed?

☐ Yes – GO TO Q4b ☐ No

4a. [If no] explain/specify reason: _____

–IMPORTANT – PLEASE COMPLETE THE BACK OF THIS FORM –

4b. If a sterile site culture is positive, how do you identify it as *S. aureus*? This includes identifying both on-site (in-house) or at another lab. (Check all that apply)

☐ MALDI-TOF – GO TO 4f

☐ Biochemical tests (e.g., catalase, coagulase) – GO TO 4f

☐ Molecular test – GO TO 4c

☐ Other, specify: _____ – GO TO 4f

☐ Do not identify as *S. aureus*– GO TO Q5

4c. [If molecular test(s) used] Where is molecular testing from a positive sterile site culture completed?

□ On-site □ Send out, please specify lab _____ - GO TO Q4e

4d. Which molecular tests do you use (cultures from sterile site sources only, i.e. blood, CSF, pleural fluid, bone, etc.)? Please check all that apply.

☐ FilmArray® Blood Culture Identification Panel..Date started_____

☐ Verigene® Gram-Positive Blood Culture Test…Date started_____

☐ Verigene® Staphylococcus Blood Culture Test…Date started_____

☐ Cepheid Xpert® MRSA/SA BC…Date started_____

☐ BD Geneohm® StaphSR…Date started_____

☐ AdvanDx Staphylococcus QuickFISH blood culture kit…Date started_____

☐ AdvanDx S. aureus/CNS PNA FISH…Date started_____

☐ Alere BinaxNOW® *Staphylococcus aureus* test…Date started_____

☐ Great Basin Staph ID/R blood culture panel…Date started_____

☐ Accelerate PhenoTest™ BC kit…Date started _____

☐ iCubate iC-GPC Assay™…Date started _____

☐ mecA XpressFISH® …Date started _____

☐ Micacom hemoFISH Masterpanel … Date started _____

☐ ePlex BCID-GP Panel … Date started _____

☐ BioFire Blood Culture Identification 2 (BCID2) Panel… Date started _____

☐ Other, Lab Developed molecular Test (detects MRSA or SA)… Date started _____

☐ Other commercial molecular test, Specify_____...Date started_____

4e. Are positive molecular tests from sterile site cultures appearing in the *S. aureus* surveillance laboratory line lists?

□ Yes – GO TO Q5 □ No – GO TO Q5

4f. [If not using molecular tests from sterile site cultures on-site] Do you plan to start offering any molecular tests for detection of *S. aureus* or MRSA from a positive sterile source culture within the next year? □ Yes □ No – GO TO Q5

4g. When do you plan to start offering molecular tests?

Month/Year: ____/____

4h. Where do you plan to have molecular tests performed?

□ On-site □ Send out, please specify lab _____ - GO TO Q5

Question 5 asks about testing performed directly on sterile site specimens (a positive blood culture is not required to perform these tests).

5. Do you routinely run any tests on site (in-house) or at another lab that detect of *S. aureus* directly from a sterile source (e.g., blood, CSF) without a culture?

☐ Yes ☐ No - GO TO Q5e

5a. [If yes] Where is this testing completed?

□ On-site □ Send out, please specify lab _____ - GO TO Q5e

5b. Which tests do you use to detect *S. aureus* directly from a sterile site source without culture? (sterile site sources only, i.e. blood, CSF, pleural fluid, bone, etc.)? Please check all that apply.

☐ T2Bacteria® Panel…Date started_____

☐ Other FDA-approved test, Specify_____...Date started_____
Method: □ PCR □ Next generation sequencing (NGS) □ Other, specify: _____

☐ Karius Test™…Date started_____

☐ Other, Lab Developed Test (detects MRSA or SA)… Date started _____
Method: □ PCR □ Next generation sequencing (NGS) □ Other, specify: _____

5c. Are all positive tests directly from sterile sources appearing in the *S. aureus* surveillance laboratory line lists?

□ Yes □ No

5d. Do you still obtain an isolate for *S. aureus* or MRSA if these tests are used?

□ Yes – END SURVEY □ No – END SURVEY

5e. [If no] Do you plan to start offering any tests for detection of *S. aureus* or MRSA directly from a sterile source within the next year?

□ Yes □ No – END SURVEY

5f. When do you plan to start offering these tests? Month/Year: ____/____

5g. Where do you plan to have these tests performed?

□ On-site □ Send out, please specify lab _____ – END SURVEY

5h. Which tests do you plan to use to detect *S. aureus* directly from a sterile site source without culture? (sterile site sources only, i.e. blood, CSF, pleural fluid, bone, etc.)? Please check all that apply.

☐ T2Bacteria® Panel…Date started_____

☐ Other FDA-approved test, Specify_____...Date started_____

☐ Karius Test™…Date started_____

☐ Other, Lab Developed Test (detects MRSA or SA)… Date started _____

5i. Will all positive tests directly from sterile sources (without positive culture) appear in the *S. aureus* surveillance laboratory line lists?

□ Yes □ No □ Unknown

5j. Will you still obtain an isolate for *S. aureus* or MRSA if these tests are used?

□ Yes – END SURVEY □ No – END SURVEY □ Unknown – END SURVEY

Comments:

END SURVEY