



Form 1 Summary of Laboratory Data

Instructions: Determine which HAI(s) you wish to validate. Ask your laboratory to produce line lists directly from the laboratory information system for a 3-month time period.

- Toxin-**Positive C difficile tests** (PCR, assay, culture) from both inpatients and ED patients.
- Positive blood cultures** for inpatients and ED patients (needed for MRSA/VRE BSI validation)
- Positive blood cultures** from inpatients for each of 3 months (needed for CLABSI validation)

Reports should include date of admission to the hospital if possible.
Ask to have printed twice: sorted by date and then sorted by patient name or medical record number.

Months selected for validation:

- Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

Source data system for laboratory line lists: _____ e.g. Meditech, Sunquest, Cerner

For CDI LabID Validation

Positive **CDI** from 3 mo _____ [INCLUDE IN CDI REVIEW]

*Include **each** positive CDI test result even if from same patient*

Number each positive CDI on your lab line list. Enter corresponding specimen dates in table on **Form 2**. Follow instruction on **Form 2** to complete validation review.

For MRSA & VRE BSI LabID Validation

From positive **blood cultures** (3 mo):

*Include **each** positive blood culture even if from same patient*

VRE-positive blood cultures _____ [INCLUDE IN VRE BSI REVIEW]

MRSA-positive blood cultures _____ [INCLUDE IN MRSA BSI REVIEW]

Number each VRE/MRSA blood culture on your lab line list. Enter the corresponding specimen dates in VRE or MRSA tables on **Form 3**. Follow instructions on **Form 3** to complete review.

For CLABSI Validation

From positive blood cultures from **Inpatients only**, indicate total each **MONTH**:

- Month _____ # _____
- Month _____ # _____
- Month _____ # _____

Use Table (page 2) to determine how many months feasible to include in review.

Check which months (above) you will include in the CLABSI validation review.

Positive blood cultures from **Inpatients** during months ✓'d to include in review _____

Separate BSI Events* _____ [INCLUDE IN CLABSI REVIEW]

**"Cluster" of positive blood cultures near same date for same patient counts as 1 event; single positive also counts as 1 event*

Number each BSI event on your lab line list. Enter the corresponding culture date (1st positive) and admission date in table on **Form 4**. Follow instructions on **Form 4** to complete review.

For most comprehensive review, review positive blood cultures from ED patients for recent hospital discharge:

_____ [INCLUDE IN CLABSI REVIEW AS POSSIBLE] Add to table on Form 4.



Determining time period for validation review: In general, starting with 60 positive blood cultures results in approximately 40-55 infectious events and in-depth chart review of 10-15 records. The remaining generally require only cursory review to identify or rule out CLABSI (often accomplished using data available through EMR systems). The likelihood of identifying CLABSI is based on your underlying rate and the number of positive blood cultures you include in your validation.

Determine number of months to include in CLABSI validation. ✓ boxes next to corresponding months on Form 1.

Total inpatient positive blood cultures in 3 mo.	Review	
≤ 60	all 3 months	
>60 and <120	2 months	Select the month with the greatest # , then a 2 nd month that makes a 2-month total closest to 60
≥120	1 month	Select the month with the greatest #