# MRSA Reporting and Archiving Results

**PURPOSE**

* This procedure provides instructions for reporting and archiving patient results.

**ABBREVIATIONS**

* MRSP: MRSA PCR
* MRSA: Methicillin Resistant *Staphylococcus aureus*
* PCR: polymerase chain reaction
* WO: worksheet

## DOCUMENTATION/RECORDS

* BD MAX Run Report
* LIS Incomplete and Completed worksheets

**PROCEDURE:** Follow the activities below for reporting and archiving patient results

**Reporting Patient Results**

| **Activity** | **Step** | Action |
| --- | --- | --- |
| **Record results** | 1 | Reporting activities are performed in room 3. |
| 2 | Record BD MAX Run results on MRSP worksheet |
| Computer Entry | 3 | Enter results in Sunquest Microbiology Result Entry

|  |  |  |
| --- | --- | --- |
| Step | Prompt | Action/Entry |
| a | ------ | Click on the Sunquest icon to log on |
| b | User | CE00xxxx |
| c | Password | xxxxxxx |
| d | Location | **R** |
| e | ----- | Click **OK** |
| f | ----- | Select Microbiology Result Entry from Menu options |
| g | ----- | Select mode from drop down box: **Worksheet Culture Mode** |
| h | ----- | Type in worksheet **MRSP** |
| i | ----- | Click **Search** |
| j | ----- | To result, select patient from electronic worksheet |
| k | ----- | Use customized keyboards (**F8** keyboard command) to enter results. Refer to table 1 |
| l | ------ | Review results in **Culture Summary** |
| m | ------ | Final ( / ) report and save |
| n | ------ | Select next patient and repeat |

 |
| Review | 3 | Call completed MRSP worksheet in SmarTerm, Function WO, option # 2 |
|  | 4 | Review completed worksheet for entry errors |
|  | 5 | Place completed worksheet in file tray for tech specialist or designee review |
| **Archive** | 6 | Initial the MRSP result worksheet and the BD MAX Run Report; staple together |
|  | 7 | Place report in the MRSA result log book |

**Table 1: Sunquest Result Codes** (Refer to MB 10.07.A1: *Report Examples* for additional information)

|  |  |  |  |
| --- | --- | --- | --- |
| **Result** | **Sunquest code** | **Key** | **Interpretation** |
| **Pos – First time patient** | **PMRSA****CAL** | **, ↓****C** |  1. Positive: MRSA DNA detected by PCR, MRSA nasal colonization likely 2. \*\*Called to and read back by [free text name, date and time] |
| **Pos – previously pos patient** | **PMRSA****PRAC** | **, ↓****.** |  1. Positive: MRSA DNA detected by PCR, MRSA nasal colonization likely 2. Previously reported as critical |
| **Neg** | **NMRSA** | **M** | Negative: No MRSA DNA detected by PCR, MRSA nasal colonization unlikely |
| **Unresolved Results** | **UNR****CAL** | **U↓****C** | 1. Unresolved: This sample is inhibitory to amplification and the results are inconclusive. Consider repeat collection if clinically indicated.
2. \*\*Called to and read back by [free text name, date and time]
 |
| **Indeterminate (IND)** | **ICLA** | **I** | 1. Key **I** - Inconclusive results, repeat testing [free text the date to be performed]
 |
| **Repeat IND does not resolve** | **EQ** **↓****CAL** | **;EQ↓****C** | 1. Equivocal result, suggest repeat specimen
2. \*\*Called to and read back by [free text name, date and time]
 |
| **Incomplete Run (INC)** | **ICLA** | **I** | 1. Key **I** - Inconclusive results, repeat testing [free text the date to be performed]
 |
| **Repeat INC does not resolve** | **EQ** **↓****CAL** | **;EQ↓****C** | 1. Equivocal result, suggest repeat specimen
2. \*\*Called to and read back by [free text name, date and time]
 |
| **Corrected report** | **CORR****CAL** | **X↓****C** | 1. Enter correct result code
2. \*\*Corrected report: Previously reported as [enter incorrect result code]
3. \*\*Called to and read back by [free text name, date and time]
4. Refer to policy MB 1.03 *Labeling Errors/Specimen Mix-ups And Correcting Patient Data* for more information
 |

**REFERENCES**

* + - 1. BD MAX™MRSA Assay, Product Circular Reference 443461, P0167(04), 2016-02, GeneOhm Sciences Canada, Inc, 2555Boul. Du Parc Technologique, Quebec (QC), G1P 4S5, Canada

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| --- | --- |
| **Historical Record** |  |
|  | **Version** | **Written/Revised by:** | **Effective Date:** | **Summary of Revisions** |
| 1 | Pat Ackerman | 6/1/2011 | Initial Version |
| 2 | Pat Ackerman | 6/3/2013 | Added Appendix A: Report Examples |
| 3 | P. Ackerman | 5.10.2014 | Updated result code information |
|  | 4 | P. Ackerman | 09.10.2016 | Reformatted for CMS upload; changed logo; renumbered prev MRSA 008 |
|  | 5 | J. Laramie | 04.06.2018 | -Changed reporting location from molecular office to room 3-Biennial review: 04.05.2018, JL |
|  | 6 | J. Laramie | 09.03.2018 | Updated PMRSA resulting – first time pos vs. previous pos |