# Cdiff Reporting and Archiving Results

**PURPOSE**

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

**ABBREVIATIONS**

* Cdiff: *Clostridium difficile*
* CDT: *C. difficile* toxin
* *tcdB* gene: *C. difficile* toxin B gene
* 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 |
| --- | --- | --- |
|  | 1 | Record BD MAX Run results on CDT worksheet |
| Computer Entry  Room 3 | 2 | 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 **CDT** | | 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 CDT worksheet in SmarTerm, Function WO, option # 2 |
|  | 4 | Review completed worksheet for entry errors |
|  | 5 | Place completed worksheet in file tray for review by tech specialist or designee |
| **Archive** | 6 | Initial the CDT result worksheet and the BD MAX Run Report; staple together |
|  | 7 | Place report in the CDT result log book |

**Table 1: Sunquest Result Codes** (Refer to Appendix MB 7.07.A1: Report Examples for additional information)

|  |  |  |  |
| --- | --- | --- | --- |
| **Result** | **Sunquest code** | **Key** | **Interpretation** |
| **Pos** | **CDFP** | **K** | Positive: *C. difficile* Toxin *tcdB* gene detected by PCR |
| **Pos, patient <2 years old** | **CDFP**  **NGIF** | **K**  **P** | Positive: C. *difficile* Toxin *tcdB* gene detected by PCR  Children less than 2 years may carry toxigenic C. difficile as part of their normal GI flora without having disease. |
| **Neg** | **CDFN** | **L** | Negative: *C. difficile* Toxin *tcdB* gene not detected by PCR |
| **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 Mixups And Correcting Patient Data* for more information |

**REFERENCES**

1. BD MAX™CdiffAssay, Product Circular Reference 443418, May 2015, GeneOhm Sciences Canada, Inc, 2555Boul. Du Parc Technologique, Quebec (QC), P0137(03), 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 | 04.23.14 | Updated reference |
|  | 4 | P. Ackerman | 09.04.2016 | Reformatted for CMS upload; changed logo; updated Table 1 with code EQ replacing ICLR; prev number CDT 006 |
|  | 5 | J. Laramie | 02.26.2018 | -Biennial review: 02.09.2018  -Eliminated reporting in the molecular office |
|  | 6 | J. Laramie | 04.17.18 | -Edited computer entry notes to indicate correct reporting location (room 3) |
|  | 7 | J. Laramie | 8.19.18 | -Added NGIF code to reporting section |