**Clostridium difficile Quik Check Review**

**Live date: June 5, 2017**

***Please review PPP in Master Control for detailed policies and procedures*.**

**Policy, Process, and Procedure: available in Master Control under LAMC Microbiology folder>>**

 **Infocard number: SCPM-PPP-0157**

**Scope: to be performed by all trained CLS and MLTs**

**Specimen: Fresh Fecal specimen (loose or liquid) with no preservatives and should take the shape of the specimen container).**

* **Bristol stool chart assessment Types 5,6, or 7 are acceptable**
* **Bristol stool chart assessment Types 1,2,3, or 4 will be rejected. Cancel reason as “Solid stool, testing not indicated.”**

**QC: External controls positive and negative controls are to be run at least once in day of use/day when specimen is to be tested.**

**Cerner Reporting:**

**Test site: LA Micro GL**

**Test name: Cdiff AgTx**

**If Cdiff PCR was ordered with Cdiff AgTx and Cdiff interpretation results are either Positive or Negative, cancel Cdiff PCR as *duplicate test ordered*.**

|  |  |  |  |
| --- | --- | --- | --- |
| **CDiff interpreation** | **INTERNAL QC** | **CDIFF Ag** | **CDIFF Toxin** |
| **POSITIVE** | Acceptable | Positive | Positive |
| **NEGATIVE** | Acceptable | Negative | Negative |
| **INDERTERMINATE** | Acceptable | Positive | Negative |
| **INDERTERMINATE** | Acceptable | Negative | Positive |
| **\*\*INVALID RESULT** | Not Acceptable | N/A | N/A |

**INDETERMINATE: REFLEX CDIFF PCR, SEND OUT THE SAME SPECIMEN TO KAISER REGIONAL LAB.**

**INVALID RESULT: REPEAT TEST, IF RESULT IS STILL INVALID-**

1. **CONTACT MANUFACTURER ABOUT RESULTS**
2. **CONTACT PROVIDER TO ORDER CDIFF PCR**
3. **CANCEL CDIFF AGTX as Referred to Outside Lab.**
4. **SEND OUT THE SAME SPECIMEN TO KAISER REGIONAL LAB.**

**Interpretation of Results:**

1. Notify manufacturer about the kit
2. Notify provider to order PCR
3. Cancel Cdiff AgTx as *Referred to Outside Lab*
4. Send out sample for PCR to Kaiser Regional Lab.

Start

NO

FINISH

Cdiff Interpretation: NEGATIVE

Perform and verify results

Cdiff Interpretation: POSITIVE

Perform and verify results

Perform and Verify results. Cerner will reflex PCR. Send out the same sample for PCR testing in Kaiser Regional Lab

Cdiff Toxin Negative?

YES

NO

NO

YES

NO

YES

YES

NO

Internal Positive & Negative QC acceptable?

Repeat test

Cdiff Interpretation: Indeterminate

Cdiff Toxin Positive?

Cdiff Ag Positive?

Internal Positive & Negative QC acceptable?