



Circle the correct answer

This quiz is an educational tool intended to assist facilities in evaluating their operators' understanding of the Solana C. difficile Assay procedure. This quiz is not intended to be used as sole evidence of operator training or competency. Facilities are responsible for ensuring the quality of the testing performed by their operators. When testing controls or patient specimens, follow the current Package Insert instructions and/or Procedure Card provided on the Quidel website.

1. **What specimen types have been cleared for use with the assay?**
 - a) Unformed stool
 - b) BAL
 - c) Throat
 - d) Blood

2. **Which of the following would be the appropriate way to release the specimen into the Lysis Buffer Tube?**
 - a) Twirl the swab rapidly for 5 seconds
 - b) Twirl the swab rapidly for at least 10 seconds
 - c) Twirl the swab rapidly for 3 seconds
 - d) Dip the swab into the Buffer Tube once

3. **What is the time frame and storage conditions for specimens prior to testing?**
 - a) Up to 2 days at room temperature
 - b) 2°C to 8°C or -20°C for up to 7 days
 - c) 25°C ± 2°C up to 1 day or 2°C to 8°C for to 6 days
 - d) Both B and C

4. **Heated specimens in Lysis Buffer Tubes that cannot be immediately processed may be stored at what temperature and for how long?**
 - a) 2°C to 8°C up to 96 hours or 25°C ± 2°C up to 24 hours
 - b) 2°C to 8°C up to 48 hours or 25°C ± 2°C up to 48 hours
 - c) 2°C to 8°C up to 72 hours or 25°C ± 2°C up to 96 hours
 - d) 2°C to 8°C up to 2 hours or 25°C ± 2°C up to 72 hours

5. **Which of the following would be the proper way of mixing the Dilution Tube after adding the lysed sample?**
 - a) Inversion
 - b) Centrifugation
 - c) Vortex
 - d) Does not need mixing

6. **Specimens in Dilution Tubes that cannot be processed right away may be stored at what temperature and for how long?**
 - a) 2°C to 8°C up to 24 hours or 25°C ± 2°C up to 96 hours
 - b) 2°C to 8°C up to 96 hours or 25°C ± 2°C up to 25 hours
 - c) 2°C to 8°C up to 5 days or 25°C ± 2°C up to 72 hours
 - d) 2°C to 8°C up to 2 hours or 25°C ± 2°C up to 48 hours

7. **At what temperature do the Dilution, Lysis, and Reaction Tubes need to be stored?**
 - a) 20°C to 28°C
 - b) 2°C to 8°C
 - c) -20°C
 - d) -70°C

8. **What is the volume of Dilution Buffer that needs to be added to the Reaction Tube?**
 - a) 15 µL
 - b) 145 µL
 - c) 50 µL
 - d) 125 µL

9. **Which of the following may influence results from Solana?**
 - a) Vibrations
 - b) Highly intense light falling into the tube holder port
 - c) Ambient light
 - d) Both A and B

10. **After Reaction Tubes are loaded into the Solana instrument, how long will it process before results are available?**
 - a) 30 minutes
 - b) 10 minutes
 - c) 1 hour
 - d) 2 hours

11. **How many samples may be run at one time on the Solana instrument using the Solana C. difficile Assay?**
 - a) 24 tests
 - b) 48 tests
 - c) 12 tests
 - d) 10 tests

12. **What must the user do before moving the Solana instrument?**
 - a) Engage electronic transport lock in the main menu
 - b) Turn off Solana
 - c) Engage the mechanical transport lock on the bottom of Solana
 - d) Both A and C

13. **How often must you externally calibrate the Solana instrument?**
 - a) Once every 6 months
 - b) Solana does its own internal calibration
 - c) Every day the instrument is in use
 - d) With every run of the instrument

14. **What form of technology is used to run the Solana C. difficile Assay?**
 - a) PCR
 - b) LAMP
 - c) HDA
 - d) Lateral flow immunoassay

15. **You are able to access your data once you have navigated away from the results page by selecting which option from the main menu?**
 - a) New Test
 - b) System
 - c) Review Results
 - d) Results are not accessible once you navigate from the results page.

16. **In addition to following Federal, State, and Local guidelines, how often should QC be run for the Solana C. difficile Assay?**
 - a) With each new lot and shipment
 - b) Once per shift
 - c) Each time the assay is performed
 - d) Once per day

17. **What substances may be used to clean Solana?**
 - a) A damp cloth
 - b) A cloth moistened with 70% alcohol
 - c) A cloth dipped in 1% bleach solution followed by water
 - d) All of the above

18. **What are your options for making a test selection?**
 - a) Select a test from the drop-down menu
 - b) Manually type in the test name
 - c) Scan the barcode from the assay packaging
 - d) Both A and C

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