

Circle the correct answer

This quiz is an educational tool intended to assist facilities in evaluating their operators' understanding of the Solana Bordetella Complete 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) Blood
 - b) BAL
 - c) Throat
 - d) Nasopharyngeal swab
2. **Which of the following would be the appropriate amount of collected specimen to add to the Process Buffer Tube?**
 - a) 50 μ L
 - b) 145 μ L
 - c) 20 μ L
 - d) 10 μ L
3. **What is the time frame and storage conditions for specimens prior to testing?**
 - a) 2°C to 8°C for up to 97 hours
 - b) Up to 49 hours at 25°C before processing, or up to 5 months at $\leq -70^\circ\text{C}$
 - c) 2°C to 8°C for up to 48 hours
 - d) Both A and B
4. **Specimens in Process Buffer Tubes that cannot be immediately processed prior to heating may be stored at what temperature and for how long?**
 - a) 2°C to 8°C for up to 24 hours
 - b) Specimens need to be heated immediately
 - c) 2°C to 8°C for up to 72 hours
 - d) 2°C to 8°C for up to 2 hours
5. **Which of the following would be the proper way of mixing the Process Buffer Tube?**
 - a) Inversion
 - b) Centrifugation
 - c) Vortex
 - d) Does not need mixing
6. **Specimens in heated Process Buffer that cannot be processed right away may be stored at what temperature and for how long?**
 - a) -20°C , 25°C , or 2°C to 8°C for up to 24 hours
 - b) Up to 97 hours when stored at 2°C to 8°C or up to 49 hours when stored at 25°C
 - c) -20°C , 25°C , or 2°C to 8°C for up to 5 days
 - d) -20°C , 25°C , or 2°C to 8°C for up to 2 hours
7. **At what temperature do the Process Buffer 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 Process Buffer specimen that needs to be added to the Reaction Tube?**
 - a) 15 μ L
 - b) 145 μ L
 - c) 50 μ L
 - d) 125 μ L
9. **Which of the following may influence results from the Solana instrument?**
 - a) Highly intense light falling into the tube holder port
 - b) Vibrations
 - 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) 40 minutes
 - b) 10 minutes
 - c) 50 minutes
 - d) 2 hours
11. **How many tests may be run at one time on the Solana instrument?**
 - a) 24 tests
 - b) 48 tests
 - c) 12 tests
 - d) 10 tests
12. **What must the user do before moving Solana?**
 - a) Engage the electronic transport lock in the Main Menu
 - b) Turn off Solana
 - c) Engage the mechanical transport lock at 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 Bordetella Complete 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 Bordetella Complete 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 cloth dampened with water
 - 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

Bordetella Complete Quiz

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