



Circle the correct answer

This quiz is an educational tool intended to assist facilities in evaluating their operators' understanding of the Solana SARS-CoV-2 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.

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1. **What specimen types have been cleared for use with the assay?**
 - a) Blood
 - b) BAL
 - c) Throat
 - d) Nasal/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) Up to 2 days at room temperature
 - b) 2°C to 8°C for up to 12 days for BD UTM or Remel M4, M5, M6, M4RT
 - c) 2°C to 8°C, -20°C, -70°C for up to 4 days in Copan/BD UTM and 2°C to 8°C for 72 hours in CDC Formulation VTM
 - d) Samples must be used immediately

 4. **Specimens in Process Buffer Tubes that cannot be immediately processed after heating may be stored at what temperature and for how long?**
 - a) 2°C to 8°C for up to 24 hours
 - b) 2°C to 8°C, -20°C, -70°C for up to 6 days
 - 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. **Which of the following are examples of acceptable storage and/or handling of the Master Mix?**
 - a) On arrival, immediately store the Master Mix at -70°C
 - b) Master Mix should remain frozen until use
 - c) Do not refreeze
 - d) Use or discard Master Mix within 24 hours of defrosting
 - e) All of the above

 7. **At what temperature do the kits always 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 both Master Mix and Process Buffer specimen that needs to be added to the Reaction Tube?**
 - a) 15 μ L
 - b) 145 μ L
 - c) 25 μ L
 - d) 125 μ L

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

 10. **How many samples may be run at one time on Solana?**
 - a) 24 samples
 - b) 96 samples
 - c) 12 samples
 - d) 10 samples

 11. **Which of the following should be done after adding the buffer and Master Mix to the Reaction Tube?**
 - a) Vigorously mix by pipetting up and down at least 5 times
 - b) Use the Solana Transfer Rack to hold Reaction Tubes at eye-level, visually inspect each Reaction Tube to ensure there are no bubbles at the bottom of tubes
 - c) Add specimens to Solana immediately after being placed into the Reaction Tube
 - d) All of the above

 12. **What must the user do before relocating/shipping Solana?**
 - a) Engage the 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 Solana?**
 - 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 should be done to prevent contamination when processing samples?**
 - a) Use sterile DNase-free disposable filter-blocked or positive displacement pipettor tips
 - b) Immediately dispose of gloves that come in contact with patient samples or controls
 - c) Place each top side down and check that liquids from the tube or cap do not come in contact with the processing area surface
 - d) All of the above

 15. **Which option from the Main Menu allows you to access previous results?**
 - a) New Test
 - b) System
 - c) Review Results
 - d) Results are not accessible once you navigate from the results page.

 16. **According to the Package Insert, how often should QC be run for the Solana SARS-CoV-2 Assay?**
 - a) With each new lot and shipment
 - b) Following Federal, State and Local guidelines
 - c) Positive every time patients are processed
 - d) All of the above

 17. **Solana is a molecular platform utilizing HDA technology. 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

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