



PVDOMICS STUDY

Biorepository Sample Processing Certification Exam

Instructions: This written exam should be taken after the staff member is trained on the PVDOMICS study procedures for processing Biorepository blood specimens. The completed exam form should be scanned and emailed to pvd-biorepos@bio.ri.ccf.org.

1. Date this exam was taken? (mm/dd/yyyy) ____/____/____
2. Name of staff member (first, last) (print legibly)
3. Clinical Center

11=Brigham and Women's Hospital	31=Johns Hopkins University	61=Vanderbilt University
21=Columbia University	41=Mayo Clinic	
22=Weill Cornell Medicine	51=University of Arizona	
4. At what speed do you spin the blood tubes?
5. What should you do to denote an aliquot is filled less than the expected amount of blood?
6. Indicate the combination of tubes that should be shipped together? _____

A. Collection 1 Green Top (Genomics)	B. Collection 1 Lavender Top (Cell Biomix)
C. Collection 2 <i>PAXgene</i> ® (Red Top)	D. All frozen cryovials
7. On what day of the week should the monthly dry ice shipment occur?

☐ Monday	☐ Tuesday	☐ Wednesday	☐ Thursday	☐ Friday
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8. Match the time you spin the blood with the type of centrifuge

_____ 1. Swing-Bucket Centrifuge	A. 10 min
_____ 2. Fixed angle	B. 15 min
9. Match the tube type with the correct processing method:

_____ 1. Serum (Gold Top)	A. Spin immediately at 2200g
_____ 2. Lavender Top (aliquoted)	B. Spin immediately at 2200g
_____ 3. Blue Top	C. Upright at room temperature for 2 hours, -20°C for 24 hours, -80°C longterm
_____ 4. Lavender Top (Cell Biomix)	D. Allow to clot for 30 min, spun at 2200g
_____ 5. Green Top (Genomics)	E. Leave at room temperature, do not spin. Ship same day
_____ 6. <i>PAXgene</i> ® (Red Top)	F. Leave at room temperature, do not spin. Ship same day
10. Which blood tubes should not be spun?