

Instructions for Sample Preparation– AlloMap®Molecular Expression Testing

- Draw 8 ml of blood into a BD Vacutainer® CPT™ Cell Preparation Tube (Lg. Blue Tiger Top with sodium citrate)
****Make sure that there is at least 6 ml of blood in the tube.**
- Mix by inverting the tube 10 times. DO NOT SHAKE.
- Label the tube with an AlloMap barcode label from the bottom of the TRF or the yellow label from the Labels for Lab Use card (*dependent on which system you are using*).
- Write the sample collection date and time in the appropriate place, along with your initials. Please write legibly.
- Make sure the accession label (or patient label) on the tube matches the accession label on the TRF.
- Make sure that the phlebotomist has filled out the specimen draw date/time/initials area on either the TRF or on the Labels for Lab Use label on the CPT tube (*dependent on which system you are using*)
- Centrifuge the specimen in the centrifuge provided by CareDx for 15 minutes at the 3.4 setting (3400 rpm).
- Take specimen out of centrifuge and invert the tube 10 times to re-suspend the white cells back into the plasma.
- Label the blue top PBS tube with an AlloMap barcode label from the TRF or Label B from the Labels for Lab Use card (*dependent on which system you are using*).
- Pour the plasma mixture into the blue top PBS tube (found in reagent pack).
- Invert the tube 10 times to wash the white cells with the PBS.
- Centrifuge the PBS tube in the centrifuge provided by CareDx for 5 minutes at the 3.4 setting.
- Take the specimen out of the centrifuge and pour off all the liquid so only the cell pellet remains.
- Keep the tube inverted and blot the tube until the cell pellet is completely dry.
- Transfer the entire amount of lysing agent into the PBS tube. (This is the liquid in the red tube in reagent pack.)
- Lyse the cell pellet by using the sterile pipette. Use a gentle up and down motion while squeezing the bulb of the pipette. Making the specimen foamy is recommended. BE CAREFUL NOT TO SPLASH.
- Continue to lyse the cell pellet until the lysate is completely clear. Hold the tube up to the light to check for small particles of the cell pellet that might still be floating around in the lysate.
- Place the specimen into the freezer. (The freezer must hold a temperature of -15°C or colder.)
- Document the “in freezer” time on the TRF, along with your initials. Please write legibly.
- Keep the specimen in the freezer until you are preparing it for shipping. Ship only on dry ice and be sure to fill the shipping box completely with dry ice. Use the appropriate air bill marked for the day of the week you are shipping
- File your paperwork with a copy of the air bill per your site’s guidelines.
- Make sure the box is picked up by FedEx. Never leave a box unattended or assume pick up has/will occur.

CAUTION: Do not mix the LyseDx (red top reagent) with chlorine bleach. Use soap and water if it spills.