Instructions for Collecting and Shipping Bio-Specimens for Biopterin Testing  
(Revised 07/12/10)

1. Complete Biopterin Specimen Collection Form

Collect Blood
2. Fill a minimum of 4 circles on the supplied Newborn Screening Specimen Collection Card.
3. Allow blood spots to air dry thoroughly for three hours at room temperature. Keep away from direct sunlight and heat.
4. Peel one barcode label off of the Newborn Screening Specimen Collection Card and apply to Biopterin Specimen Collection Form
5. Place the card in a plastic bag and freeze.

Collect Urine
6. Collect 10 ml of urine. The urine collection bag and bottle must be protected from light. There should be no direct sunlight in the room and no fluorescent lights on. The collection bag should be covered with a blanket during the collection to minimize light.
7. Transfer urine into a brown plastic collection/shipping bottle with as little exposure to light as possible.
8. Peel the remaining barcode label off of the Newborn Screening Specimen Collection Card and apply to the brown bottle of urine.
9. Wrap the bottle in aluminum and freeze.
10. Peel off the pink copy of Collection Form and give to parents.
11. Peel off the yellow copy of Collection Form for your files.

Ship
12. Ship on Monday – Thursday as the lab does not receive specimens on weekend or holidays.
13. Ship frozen urine, specimen collection card, and the two (2) white copies of the Biopterin Specimen Collection Form in a styrofoam/insulated shipping container filled with 4-5 pounds of dry ice by overnight express to:

California Department of Public Health  
Genetic Disease Laboratory Branch  
850 Marina Bay Parkway, C222 for Biopterin  
Richmond, CA 94804

If you have any questions, please contact Ram Mathur at (510) 231-1790 or (510) 231-1793.