

**WAKE FOREST UNIVERSITY SCHOOL OF MEDICINE
CYTOGENETIC LABORATORY**

Collection Protocol for Cytogenetic Analysis of **Amniotic Fluid**

To send samples:

It is not necessary but is suggested that you notify the cytogenetics laboratory ahead of your plans to send an amniocentesis sample overnight for cytogenetics studies. For local same day courier pick-up of samples please call our office at the number listed below. Samples are accepted daily and are accepted on Saturdays when prearranged. Any other special arrangements should be made with the lab prior to collection if this is not possible.

1. Draw off the first 2 mls of fluid and discard (prevents maternal cell contamination).
2. Draw off 15 to 30 mls of Amniotic fluid and place sterilely in the clear sterile centrifuge tubes.
3. Label the tubes with the patient's name, birthdate and order of draw (i.e. 1 and 2).
4. Sample is to be kept at room temperature at all times. Do not place on ice, refrigerate or freeze.
5. The amniotic fluid sample should be sent by our courier or Federal Express to the cytogenetics laboratory the same day it is drawn. *Send at room temperature - do not put on ice.* If a sample is to be shipped on a Friday, you must notify us or Federal Express that it is for a Saturday delivery! Please notify the laboratory in advance if you plan to send the sample for Saturday delivery.

***Note: All specimens to be mailed must be packaged properly to meet OSHA Bloodborne Pathogen Standards, i.e. a triple containment system that meets federal regulations (42 CFR, Part 72).**

Information

1. On the intake sheet provided, please complete all patient information, physician and/or hospital, telephone number, reason for referral and billing information.
2. The labstaff or supervisor will telephone or fax you with the final karyotype result prior to mailing the final report. Routine cases are normally completed within 7 to 10 days.
3. AFP reports are generally sent out within a day of final report. If the AFP is elevated, an AChE analysis is performed and the referring physician is notified.

Send sample to: Dr. Mark Pettenati / Will Stewart
Wake Forest University School of Medicine
Cytogenetics Laboratory
Hanes Building G-9
Medical Center Blvd.
Winston-Salem NC 27157
(336) 716-4321

To Have Our Courier Pick Up The Sample: Call 336-716-4321 by 2 PM.
If you have any questions or problems, please feel free to call us at any time.