



University of Connecticut Chromosome Core

354 Mansfield Road **U-1131**
R. O'Neill Lab Beach Hall 325
Attention: Lisa LaBelle or Judy Brown
Storrs, CT 06269-2131
Phone: (860) 486-4145

Email: lisa.labelle@uconn.edu or judy.brown@uconn.edu
<http://stemcellcore.uchc.edu/services/genome/index.html>



Shipment Instructions for Cytogenetic Testing

Advanced notice of anticipated need for karyotyping is appreciated. Shipment or delivery of cells requires a minimum of *at least* 48 hours advance notice by email and/or phone with a confirmation from a Chromosome Core scientist.

Samples require 6 hours minimum for processing and as such, the preferred time for sample receipt is early morning *with advanced scheduling*. Cells arriving after 11 am will be incubated at 37C o/n and processed the following morning.

A completed requisition form is required to be submitted with each sample. Multiple samples can be added to the same requisition form provided each sample is clearly distinguishable from the other. Paperwork should be sealed in a separate baggie inside the shipping box.

Cells should be at day two or three post-passage, dependent on cell growth rate, such that there are a high number of established colonies in a 6-well culture plate (the preferred culture vessel).

Culture plates require hand-delivery to prevent spillage. Plates may be wrapped around the edges with parafilm, but must remain upright and not disturbed during shipment. Plates should be clearly labeled on the top of the culture plate so as NOT to cover the wells. Label the plate with the complete cell line name.

A T25 flask may be submitted with 50-100 colonies visibly attached to the flask growth surface. Clearly label the *side* of the flask with the complete cell line name and fill the flask to capacity with appropriate medium. The flask cap should be tightened and the flask should then be sealed with parafilm. Each flask should be placed in a separate plastic baggie. Pack the flask securely in a styrofoam container with absorbent material to keep the flask from moving and to provide insulation. Ship FEDEX OVERNIGHT or deliver same day by courier at ROOM TEMP.

For both culture plates and flasks please provide enough growth medium for 1-day of feeding.

It is best, and preferable, when delivering samples to remain in the laboratory for a few minutes while the Chromosome Core technologist examines the cell cultures.