

**INSTRUCTIONS FOR SAMPLE COLLECTION AND SHIPMENT  
OF KARYOTYPING TESTS**

**(Duo iCS-Karyo, G-banding only - with or without STR and Myco-digital tests)**

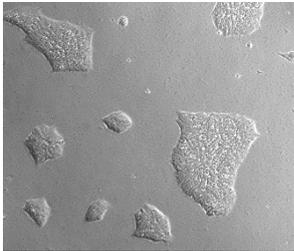
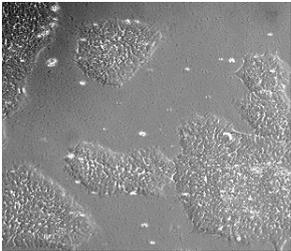


Please follow these instructions carefully to ensure proper sample reception and completion of the test.

Do not send any sample to us without prior notice (1 week min.)

**To be done at least 24h before your shipment**

Fill in the [Sample release form](#) carefully for all the samples to be tested and send it by e-mail in an **Excel format** to [services-us@stemgenomics.com](mailto:services-us@stemgenomics.com).

Method	Material	Shipment Temperature
<ul style="list-style-type: none"> <li>- Cultivate your cells for testing into <b>two T25 flasks</b> with a <b>minimum of 500,000 cells</b> seeded per flask. The cell culture should reach about <b>25% and 50% confluency at the time of the shipment.</b></li> <li>-If <b>Myco-digital</b> test is required, the cells should be cultured <b>without antibiotics for at least 3 days.</b></li> </ul> <div style="display: flex; flex-direction: column; gap: 10px;"> <div style="display: flex; align-items: flex-start;">  <div style="margin-left: 10px;"> <ul style="list-style-type: none"> <li>- Fill the T25 flasks to capacity with <b>room temperature media</b>, tighten the cap and seal it with para-film. A 50 mL aliquot of media should be provided along with your cell cultures.</li> </ul> </div> </div> <div style="display: flex; align-items: flex-start;">  <div style="margin-left: 10px;"> <ul style="list-style-type: none"> <li>- Place samples and media into separate sealed bags.</li> </ul> </div> </div> <div style="display: flex; align-items: flex-start;">  <div style="margin-left: 10px;"> <ul style="list-style-type: none"> <li>- Pack the flasks and media <b>securely</b> to prevent them from shifting during transport. Flasks should be placed in the <b>same orientation as in your incubator.</b></li> </ul> </div> </div> <div style="display: flex; align-items: flex-start;">  <div style="margin-left: 10px;"> <ul style="list-style-type: none"> <li>- Place the printed version of the <b>Sample release form</b> completed inside the box.</li> </ul> </div> </div> </div> <p style="margin-top: 20px;">- Do not include any cold pack in your shipment. Send your flasks and culture medium at <b>ambient temperature.</b></p>	<p>For each sample:</p> <p>One T25 flask at 25% confluency</p>  <p style="text-align: center;">+</p> <p>One T25 flask at 50% confluency</p>  <p style="text-align: center;">+</p> <p>50mL of media</p>	<div style="text-align: center; margin-top: 100px;">  <p><b>Ambient temperature</b></p> </div>

**Shipment (the following instructions must be strictly followed)**

**For local clients in Durham, Wake, and Orange County, NC:**

Drop off specimens at Stem Genomics, Inc. at 400 Park Offices Drive, Room 105, Durham, NC 27713.

**For long distance clients:**

Triple package. For example, place inside a sealed plastic bag, then Styrofoam container, then cardboard box. Fill the empty spaces with paper towels or packing material.

Place a "This Side Up" label on each side of the package (or write it on the outside of the box to show which side is upwards).

Optional: you can write "Exempt Human Specimens" on the outside of the box.

Ship **overnight** at ambient temperature to:

Stem Genomics Inc. - Testing Service  
400 Park Offices Drive, Room 105,  
Durham, NC 27713  
EIN n°: 38-4251349

Phone number and email address to give to the transporter:

+1 (919) 638-5655  
[services-us@stemgenomics.com](mailto:services-us@stemgenomics.com)

**If a proforma invoice is needed, please indicate:  
"no commercial value" and "value for customs purposes only"  
Total value: 10 USD  
Description of Goods: samples**

Contact [services-us@stemgenomics.com](mailto:services-us@stemgenomics.com) with your shipping tracking number.