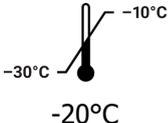
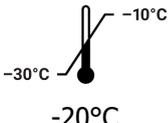


## INSTRUCTIONS FOR SAMPLE COLLECTION AND SHIPMENT FOR iCS-DIGITAL™ TESTS

Sample	Method	Volume & [conc.]	Temperature	
			Storage	Shipment
 <p>Cell culture supernatant</p>	<p>The cell culture must be <b>at least 70% confluent</b>. Collect <b>1.5 ml</b> of cell culture supernatant <b>before passaging the cells</b>, and transfer it directly (do not centrifuge or filter) into a <b>safe-lock tube (DNase free)</b> clearly labelled with your sample ID.</p> <p>The culture medium must have been in contact with the cells for <b>at least 24 hours</b>.</p> <p><b>Sampling can be secured by</b> adding one fifth of dissociated cells (3.5 cm culture plate) at passaging to the supernatant to provide enough DNA for the analysis (depends on cell lines). Send the supernatant samples containing cells at <b>room temperature</b>.</p> <p><b>Note: This collection method is not yet applicable for the iCS-digital™ MSC test.</b></p>	1.5 mL of culture medium supernatant (containing cells)	 <p>-20°C</p>	 <p>Room temperature</p>
 <p>DNA</p>	<p>Harvest genomic DNA from the cell line to be analysed using an appropriate genomic extraction kit. Please <b>avoid Phenol-chloroform extraction</b>. We recommend the use of <b>a column extraction kit</b> for optimal digital PCR results.</p> <p>Determine the concentration and quality of genomic DNA samples using an appropriate method.</p> <p>Genomic DNA samples should have an A260/230 absorbance ratio between 1.8 and 2.0.</p>	<p>Minimum DNA concentration: 10 ng/ul (Dosed by <b>Qubit</b>). Minimum volume: 40 µL</p>	 <p>-20°C</p>	 <p>Room temperature</p>
 <p>Cells</p>	<p>Dissociate cells (with enzymes, EDTA, etc.), centrifuge them (1200 rpm; 5 min), and discard the supernatant. Frozen cell pellets must be sent on dry ice.</p>	Dry pellet	 <p>-20°C</p>	 <p>Dry ice</p>

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

### Shipment

Put the sample in the specific [UN 3373 packaging](#) "Biological substance, Category B" provided for free by most shipping companies and send it to:

Stem Genomics - Testing Service  
IRMB - Hôpital Saint Eloi  
80 avenue Augustin Fliche  
34295 Montpellier - Cedex 5  
France

Phone number and email address to give to the transporter:  
+33 467 330 454 - [services@stemgenomics.com](mailto:services@stemgenomics.com)

**Declared value: 0 €**  
**Description of Goods: sample to be tested**