

Cell Line Authentication

Sample Delivery Instructions

If sending cells for DNA extraction

1. Cells should be harvested and washed once with PBS. Samples should be delivered in 1.5 ml tubes. The maximum number of cells is 5×10^6 .
2. Deliver samples frozen (dry ice) to assure sample integrity.
3. An electronic sample information sheet should be filled and sent by e-mail.
4. Please give the samples a number (1, 2, etc.) written on top of the tube (same number as in the sample sheet).

If sending DNA

1. Please deliver 20 μ l DNA at a concentration range of 10-20 ng/ μ l resuspended in TE buffer or nuclease-free water. Make sure that the 260/280 value of each sample is 1.8-2.0.
2. Samples should be delivered in numbered (1, 2, etc.) 1.5 ml tubes.
3. An electronic sample information sheet should be filled and sent by e-mail.

Recommendations

1. Please re-check the DNA concentration after the initial dilution, to ensure that the final concentration match our requirements.
2. Please perform genomic DNA quality control prior to sample delivery, such as standard PCR reaction (with any primers for genomic DNA) or electrophoresis on agarose gel (load 500 ng DNA).