

# Cell-line Identification Service Sample Submission Guidelines

## Material for testing

### Cells from Cell culture Cell-lines

The PowerPlex18D System is sensitive to DNA input. 1 to 2ng total genomic DNA is sufficient. Overloading the system with DNA leads to problems in peak differentiation. The cell pellet we need is therefore very small. 2 to 5 million cells will give a DNA concentration after extraction of 10 to 30ng/ul.

### Genomic DNA

If DNA was extracted from cells, DNA can also be submitted. The DNA should have been cleaned by a spin column and have a concentration of 10ng/ul.

### Supernatant

For Mycoplasma testing please supply 1ml of supernatant (or cells with supernatant).

## Labelling of tubes or plates

### Sample tubes

Less than 20 samples can be submitted in 1.5ml Eppendorf tubes (1.5ml "3810 X PCR clean", Catalogue # 0030125.215 Eppendorf). More than 20 samples should be submitted in 96 well semiskirted PCR plates (Catalogue # HSS9901, BioRad).

### Labeling of samples

Samples need to be labeled according to the sample submission form that is submitted electronically with the samples. Ideally a unique identifying number and the name of the submitting person is written onto the tube with a permanent marker, or the 96well plate is labeled with the name of the submitter and the date of submission.

## Electronic Sample Submission Form

Please use the our online Sample Submission Portal sample submission form from our website for your sample submission: <https://gmg-submit.gimr.garvan.org.au/#/login>. You will need to create an account and provide a Purchase Order number for sample submission. For problems with your account creation or sample submission please send an email to [gmg@garvan.org.au](mailto:gmg@garvan.org.au).

## Sending or Delivering Samples

If sending samples please use couriers or Australian express post and avoid sending over the weekend, send samples in a cooled environment of at least 4C throughout the transport.

### Shipping Address:

Please address your samples to:

Garvan Institute / GMG  
Loading Dock West Street (off Burton Street)  
Darlinghurst, NSW, 2010  
Dock Times: 8am to 4pm  
Phone: 02 9295 8640

or drop your samples off:

Fridge in the Garvan Molecular Genetics facility  
in front of room # 8.05 (behind the lifts)  
Cell-Line Identification Service reception tray

## Results

Once reports for your results have been generated they will be uploaded onto our portal and you can access them in your account. There will be an automated email sent to your designated email address to inform you about the report download path. Results will be available within an approximate turnaround time of 10 working days. For more information please see our webpage (<https://www.garvan.org.au/research/capabilities/molecular-genetics/cell-line-identification>) For pricing see <https://www.garvan.org.au/research/capabilities/molecular-genetics/shop>.

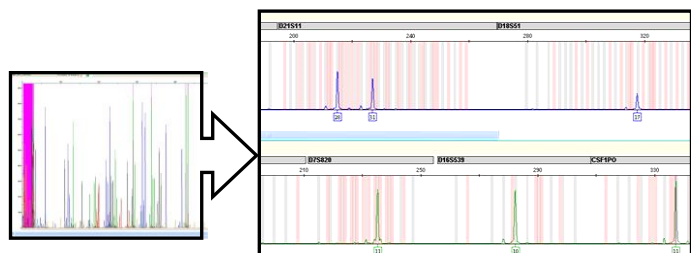
## Contact Staff:

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Email [gmg@garvan.org.au](mailto:gmg@garvan.org.au)

Pavel Bitter -> Molecular Genetics Facility Manager  
[p.bitter@garvan.org.au](mailto:p.bitter@garvan.org.au)

Garvan Molecular Genetics  
Phone: 02 92958384



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SUBMISSION GUIDELINES**

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Email: [gmg@garvan.org.au](mailto:gmg@garvan.org.au)

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