



Submission Guidelines – Mouse genotyping samples

Sample type

Tissue/Ear Punch

Tissue samples in form of ear punches or small tail snips are preferred for genotyping as our DNA extraction systems are optimised for these.

Please contact us before sending any other types of tissue samples.

DNA

DNA samples, either from a crude extraction or commercially available kit can be submitted after enquiry. Please contact us before for concentration, volumes and acceptable reagents as some buffer contents may interfere with downstream applications.

Sample format

Plates/plate strips

Samples should be sent in a full or partial 96-well polypropylene plate suitable for PCR. Most commercially available V-bottom plates for PCR or plate strips are acceptable, half-skirt plates are preferred as they tend to be more robust and provide additional space for labelling.

Samples should be plated in a vertical format (from A1 to H1, A2 to H2) and the location with corresponding sample name listed on the submission form.

Plates or plate strips should be tightly sealed for transportation and to avoid cross-contamination. Ideally plate seals are reusable for downstream processes. We recommend the use of flat-caps strip.

Tubes

Small numbers (1-5) of samples in standard 1.5ml centrifuge tubes are accepted if the tubes are well sealed and clearly labelled. Please note that submitting large sample numbers in tubes will incur an additional charge as the samples need to be manually transferred to a plate format for downstream processes.

Sample labelling

Please label all plates/tubes clearly, matching the information on the submission form. We will not process any submissions with inconsistent labels until further communication.

Sample transport

Choice of transport is entirely up to the client. We recommend sending tissue sample on cold packs for transport with standard mail/ courier. If using an overnight service, samples may be sent at ambient temperature in express envelopes.

Please ensure the samples are properly sealed and safely packed for transport. We recommend enclosing plates in a resealable plastic bag and use of bubble wrap or other suitable packing material.

Please advise us of any samples sent via email: genotyping.brf@anu.edu.au.

Shipping address

BRF-Genotyping
John Curtin School of Medical Research
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Floor Dock off Garran Road
The Australian National University
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