## Mouse Genotyping Service Prices

All PCRs are run with internal control PCR, contamination check, Wildtype and genes pecific control DNA. The PCRs for all controls are included in the price listed. Urgent samples are charged at double the listed price.

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|---|---|
| DNA extraction from mouse tissue for genotyping | $3.50 |
| Mouse Genotyping 1 PCR | $7.38 |
| Mouse Genotyping 2 PCRs | $9.38 |
| HRM SNP detection (any SNP also human) | $8.60 |
| Copy Number Het/Hom Differentiation.<br>This assay has a risk of false results, this risk can be minimised by submitting a het and a hom control with the samples, (control DNA prepped with the samples). The DNA quality is crucial for this test, we require 50ul of DNA at 50ng/ul (all DNAs diluted to this same concentration). The results of this assay cannot be translated directly in a breeding scheme but must be verified by cross-testing breeding strategy. | $75 |
| Project establishment for a new PCR<br>(primer design, ordering of primers, testing of PCR with known controls or DNA of animal tissue with known genotypes) | $120 |

**Pathogen Testing**

For a single pathogen test the price is $45, for every further single test for the same sample it is $20 more.

| **Pathogen** | First test | Price as second test |
|---|---|---|
| HELICOSP<br>Helicobacter ssp. ((bilis, muridarum, hepaticus, typhlonius, rodentium)) | $45.00 | $20.00 |
| PPNEUM<br>Pasteurella ssp (Javetz, Heyl) | $45.00 | $20.00 |
| Cbovis<br>Corynebacterium bovis | $45.00 | $20.00 |
| SAUREUS<br>Staphylococcus Aureus | $45.00 | $20.00 |
| DNA extraction from tissue | $3.50 | |
| DNA extraction from swab | $5.20 | |
| DNA extraction from fecal sample | $13.20 | |
| EAD sample extraction | $21.00 | |

| **Panel MCL1 (Mouse Cell Line PCR panel 1)** | | |
|---|---|---|
| Minute Virus of Mice | PCR | |
| Mouse Hepatitis Virus | Rt PCR | |
| Mouse Parvovirus | PCR | |
| Murine Cytomegalovirus | PCR | **$180** |
| Mycoplasma spp. | PCR | |
| Theiler's Encephalomyelitis Virus | Rt PCR | |

| **Panel MCL2 (Mouse Cell Line PCR panel 2)** | | |
|---|---|---|
| Lactate Dehydrogenase Elevating Virus | Rt PCR | |
| Lymphocytic Choriomeningitis Virus | Rt PCR | |
| Minute Virus of Mice | PCR | |
| Mouse Norovirus | Rt PCR | |
| Mouse Parvovirus | PCR | |
| Murine Cytomegalovirus | PCR | **$220** |
| Mycoplasma spp. | PCR | |
| Rotavirus | Rt PCR | |
| Sendai Virus | Rt PCR | |
| Theiler`s Encephalomyelitis virus | Rt PCR | |

| **Panel MFPCR1 (Mouse Fecal PCR panel 1)** | | |
|---|---|---|
| Helicobacter spp. | PCR | |
| Minute Virus of Mice | PCR | |
| Mouse Hepatitis Virus | Rt PCR | |
| Mouse Norovirus | Rt PCR | |
| Mouse Parvovirus | PCR | **$200** |
| Pinworm - Aspiculuris tetraptera | PCR | |
| Pinworm - Syphacia obvelata | PCR | |
| Rotavirus | Rt PCR | |

| **Panel MFPCR2 (Mouse Fecal PCR panel 2)** | | |
|---|---|---|
| Clostridium piliforme | PCR | |
| Helicobacter spp | PCR | |
| Minute Virus of Mice | PCR | |
| Mouse Hepatitis Virus | Rt PCR | |
| Mouse Norovirus | Rt PCR | |
| Mouse Parvovirus | PCR | **$250** |
| Pinworm - Aspiculuris tetraptera | PCR | |
| Pinworm - Syphacia obvelata | PCR | |
| Rotavirus | Rt PCR | |
| Salmonella spp | PCR | |
| Theiler`s Encephalomyelitis virus | Rt PCR | |

| **Panel EAD (Exhaust Air Dust Filter panel)** | | |
|---|---|---|
| Helicobacter spp | PCR | |
| Minute Virus of Mice | PCR | |
| Mouse Hepatitis Virus | Rt PCR | |
| Mouse Norovirus | Rt PCR | |
| Mouse Parvovirus | PCR | |
| Myobia musculi | PCR | **$250** |
| Myocoptes musculinis | PCR | |
| Pinworm - Aspiculuris tetraptera | PCR | |
| Pinworm - Syphacia obvelata | PCR | |
| Rotavirus | Rt PCR | |
| Theiler`s Encephalomyelitis virus | Rt PCR | |

Garvan researchers are eligible for a discounted price. Please visit Scientific Services on the intranet for more information.

| Sample Type | Material Requirements |
|---|---|
| Exhaust Air Dust (EAD) Filter Samples | Cut a piece of 1 - 2 $cm^2$ from the filter and place in an Eppendorf tube |
| Tail Tip Samples | Send a minimum of 3mm in an Eppendorf tube |
| Ear Notch Samples | Please send 3 ear notch samples from the same mouse |
| Blood Samples | Send a minimum of 50ul (max of 200ul) in an Eppendorf tube |
| Tissue Samples | Send a minimum of 3mm2 in an Eppendorf tube |
| Fecal Samples | Send 1 to 5 pellets in an Eppendorf tube |
| Cell Culture Samples | send a minimum of $1x10^6$ cultured cells per sample in an Eppendorf tube. Spin down cells and take off supernatant |