

Cell Line and other Biologicals Testing

<http://www.iacuc2.pitt.edu/sop/restricted/CellLine.pdf>

Below is information regarding the IMPACT 3 profile cell line testing currently required.

If the DLAR sends out your samples, the cost of shipping is split between all PIs sending samples that day. We send samples every Thursday, so if you wish to drop off to DLAR for hazard material packaging we will need to receive it no later than 11am on the Thursday you wish to ship. The results take about 7-10 business days to come back and undergo review by a DLAR veterinarian. Once they are reviewed, the results are sent to your lab.

You can pool up to three cell lines in one sample. Please be aware that if you choose to send a pooled sample and anything comes up positive, all cell lines would have to be sent individually for follow up testing.

Our experience with IDEXX RADIL is that they prefer to receive 2 million cells in media to test; they can run the test with 1 million but prefer 2 million. A 100mg piece of tumor frozen and shipped on dry ice is sufficient for IMPACT 3 PCR testing. Please coordinate and submit samples to Ms. Robin Frederick (via 623-7824 and/or HCCvettech@dlar.pitt.edu) on dry ice so that they can remain frozen for shipping.

IMPACT 3 Profile PCR Test: \$377 (This was the price last time I checked in Jan 2016, but it may have changed since then.)

IMPACT 3

Mycoplasma spp.

Mycoplasma pulmonis

Sendai virus

Mouse hepatitis virus

Pneumonia virus of mice

Minute virus of mice

Mouse parvovirus (MPV1-5)

Theiler's murine encephalomyelitis virus Murine norovirus Reovirus 3 Mouse rotavirus Ectromelia virus

Lymphocytic Choriomeningitis virus Polyoma virus Lactate dehydrogenase-elevating virus

Here is the link to the IDEXX RADIL Impact Profile Testing webpage:

http://www.idexxbioresearch.com/radil/Health_Monitoring/Mouse_PCR_Profiles/index.html