Cell line testing information (2 March 2015):

Cell line testing is arranged through the Translational Pathology Shared Resource, MCN S-1310 (615-322-3667; TPSR-Comparative\_Pathology@vumc.org).

* Samples are due by noon on Wednesdays to meet the weekly shipment deadline.
* Charles River Laboratories will perform PCR viral detection panels and mycoplasma testing [Infectious Disease PCR (1)]. See test panel below.
  + Turnaround time is 10 business days
* The approximate cost for testing each cell line is about $400. Please provide a cost center number for the testing fee.
* A certificate from DAC indicating that this line has been tested will be sent to you upon receipt of the results.

The requirements for submission of biological materials submitted for PCR viral detection and mycoplasma testing are:

* Undiluted aliquot of at least 200 µL shipped in frozen vials on dry ice.
  + Submit samples in original cell culture without antibiotics
* Cell number is not critical; however please note if there are more than 5x107 cells/mL.
* If possible, samples should be passaged without antibiotics 4-6 weeks prior to submission
* For tumor submission- tumor sample should be approximately 2 millimeters squared in size. Place in cryovial and bring to TPSR on dry ice.

Cell line PCR test panel:

* Murine Norovirus
* Mouse parvovirus/minute virus of mice
* Mouse Coronavirus virus
* Reovirus
* Lymphocytic choriomeningitis virus
* Mouse rotavirus/EDIM
* Mouse Theilovirus
* Mousepox (Ectromelia)
* Hantavirus
* Polyoma virus
* K virus
* Mouse adenovirus
* Mouse cytomegalovirus
* Pneumonia virus of mice
* Sendai
* *Mycoplasma genus*
* *Mycoplasma pulmonis*

TPSR has been copied on this email. If you have any questions or concerns, please do not hesitate to contact us.

Thank you,