

UCHC/PERKIN ELMER

Sequencing Request and Submission Process

1. UCHC Principal Investigator (PI) submits project details directly to Jennifer Rose (jennifer.rose@perkinelmer.com). Jennifer will work with the Investigator on the scope and deliverables of the project.
2. PI will be given Project ID by Jennifer.
3. PI completes Sample Submission Form (found at <http://ngs.cam.uchc.edu/>) and notes on the form the unique Project ID provided to the PI by Jennifer Rose.

PerkinElmer - UCHC/UConn Sample Submission Form

PI Name and Email Address	
Date	
Lab Group	
Project ID/Quote (Provided by PerkinElmer)	
# of Lanes	
Sequencing Run Type and Read Length	
Organism	
QC Required (for prepared libraries only) will be run unless PI requests otherwise	
UCHC/UCONN USE ONLY (MUST BE FILLED OUT)	
FED EX TRACKING NUMBER (provided by Admin Staff)	
UCHC/UCONN INTERNAL BILLING FUND NUMBER such as a grant or other funding source (to be filled in by PI/Lab)	

Reagent costs (including shipping) for common sequence runs:

(As of 1/1/14)	Type of Sequencing Run (Coverage)			
	2X100	1X100	2X50	1X50
1 Lane	\$1,590	\$926	\$1,158	\$676
Multi-lane Cell (8 lanes)	\$12,720	\$7,410	\$9,263	\$5,409

- * Illumina Library Construction \$175 each sample
- * Required for whole genome, TruSeq exome capture or Agilent SureSelect capture
- * Illumina Exome Capture \$250 each sample (minimum order of six samples)
- * Agilent Exome capture \$350 each (minimum order of five samples)
- * RNA Seq Library Preparation from FFPE = \$425
- * RNA seq Library Preparation from Fresh frozen tissue = \$375
- * Sample pooling \$35 each sample
- * Custom targeted Sequencing - by quotation
- * Anything NOT covered by above - by quotation

Any unused DNA samples can be returned or destroyed. In order to return these materials, we will provide you with an estimate of charges for this service. Please circle preference below.

Unused gDNA	DNA Libraries	Enriched Libraries
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Sample #	Well Position	Sample Name	Sample Barcode	Volume (µl)	Size (bp)	Concentration (ng/µl)	O D 260/280	pool ID (if Applicable)	Library Description	Size (bp)	Adapter Name	Adapter Index Sequence	Index Tag Length	Index Read (yes/no)	Sample Comment
1															
2															
3															
4															

1. PI/Lab staff **MUST provide a copy of the submission form** to obtain a preprinted FedEx mailer from the following locations.
 - a. Molecular Core Store, L-2010, Main Building
 - b. Isolde Bates (bates@up.uchc.edu) or GDB Admin staff, 400 Farmington Ave, R-1150

FOR STORRS INVESTIGATORS to obtain the FedEx mailer please contact:

The UConn Chromosome Core: Rachel O'Neill (rachel.oneill@uconn.edu) OR Judy Brown (judy.brown@uconn.edu)

Location: 354 Mansfield Road, Beach Hall, Room 325, Unit 1131

2. Samples packaged according to PerkinElmer's Sample Submission Guidelines (as defined at <http://ngs.cam.uchc.edu/>) and submitted with a hardcopy of the completed Sample Submission Form.
3. PI/Lab staff emails seqproject@perkinelmer.com when samples are ready to ship, along with an electronic copy of the Sample Submission Form and the FedEx tracking number.
4. PerkinElmer sends a notification upon receipt of the samples.
5. Dawn will serve as PerkinElmer's main point of contact during sample processing.
6. All UCHC submissions will undergo incoming sample QC (unless PI requests otherwise)
7. Research Finance will directly charge provided funding source after usage is received from Perkin Elmer.

For additional information or questions please feel free to contact:

Perkin Elmer: Jennifer Rose, Jennifer.Rose@PERKINELMER.COM

Scientific: Brenton Graveley, graveley@neuron.uchc.edu

Rachel O'Neill, rachel.oneill@uconn.edu

Administrative: Isolde Bates, bates@up.uchc.edu

Financial: Julie Schwager, schwager@uchc.edu

NOTE:

These services were negotiated for the UConn research community and do not reflect market pricing and are proprietary to UConn.