

**UMass Medical School
Illumina Sequencing Library Construction Service
Molecular Biology Core Labs**



Client Information: Name: _____ Phone: _____
 Email: _____ Date: _____
 PI/Lab: _____ Account #: _____
 PI signature: _____

Library Construction Information (Please submit one ticket for each set of libraries to be mixed):

Illumina Library	Minimum Requirements:
Indicate starting material: ___ Genomic DNA ___ Amplicon(s) ___ cDNA (double stranded) ___ Total RNA for cDNA library ___ Small RNA ___ Other _____ (describe)	genomic DNA: 2-3 µg
Will this library be mixed or multiplexed? _____	amplicon: 1 µg (2 µg if shearing required)
What is the preferred insert size? _____ (Optimal library inserts are ≤ 500 bases)	cDNA: 1 µg (2 µg if shearing required)
Type of analysis? (circle one) Single Read Paired End	total RNA*: 2-5 µg
Desired read length: _____	small RNA*: 50-100 ng
	* Must be stored in water

Species: _____
 Source: _____
 How was the material prepared? _____
 What buffer is the material in? _____
 List the name and part # of any kits used in preparation: _____
 How was the material quantified? _____
 Is the material from a human pathogen, or does it contain any restricted, potentially hazardous, or infectious material? **YES** or **NO** If yes, please detail: _____
 Your signature confirming this statement: _____

Sample Name	Concentration	Volume (µl)

(List additional samples on back of ticket or on an attached sheet.)

Please attach all available information about the sample material (e.g. gel photos, Fragment Analyzer/Bioanalyzer traces, etc). If you have barcode preferences, check here _____, then list on the back of this ticket or on an attached sheet.