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)
 	
Will this library be mixed or multiplexed? _____
What is the preferred insert size? _____
   (Optimal library inserts are ≤ 500 bases)
 	
Type of analysis? (circle one)
 	
      Single Read   Paired End
 	
Desired read length: _____
	genomic DNA:
	   2-3 µg
	
	amplicon:
	   1 µg (2 µg if shearing required)
	
	cDNA:
	   1 µg (2 µg if shearing required)
	
	total RNA*:
	   2-5 µg
	
	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?   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.