



EconoSEQ Sample Ticket MBCL@umassmed.edu

You set up a total of 4ul (includes template and primer) for us and save time & cost!

Tube or well position	Sequencing Reaction Name This is the sample name for the data
A01	
B01	
C01	
D01	
E01	
F01	
G01	
H02	
A02	
B02	
C02	
D02	
E02	
F02	
G02	
H02	
A03	
B03	
C03	
D03	
E03	
F03	
G03	
H03	

There is a 96 well plate form available online

The Reaction Set Up

1 ul of 5uM sequencing Primer **
 3 ul of DNA template *
 = 4ul of sample

You may choose to have us add one of our standard primers. If so, volume is 3ul per tube. Indicate HERE and specify WHICH primer.

___ Please add Primer to my samples

Please add this primer: _____

* Template DNA concentration: It's the number of copies of each template (Molarity) not the total mass that matters most. Please use this guide for dilution of your template for sequencing. Length should include any vector or backbone present, e.g. a 500 bp insert in a a 4Kb plasmid, is 4.5Kb total.

Plasmid + Insert up to 10 Kb please use DNA at 50-75 ng/ul
 Amplicons or Restriction Fragments 100-999 bases please use DNA at 25ng/ul
 Amplicons or Restriction Fragments 1 Kb and over please use DNA at 50ng/ul
 Genomic DNA, contact us regarding shearing and prep

** Your primer should be 5uM stock, use 1ul per 4ul sequencing reaction

DATE		Notes to Sequencing Core:
PI		
Your Name		
Phone		
Acct #		
Your Email Address		