

EZ-Seq[®] Service Guideline



What is EZ-Seq[®] service?



EZ-Seq service is a **new DNA sequencing service** that we devised for the purpose of simplifying the process of making order. With EZ-seq service, you have the easiest and simplest way of having your DNA samples sequenced.

It's just like purchasing the coupons for sequencing, which are provided in a form of bar-code labels. Once you have the labels in your hands, you don't even need to fill in the complicated order forms, or log in the web-site for the purpose of making order, or retrieving the results.

How did the concept of EZ-Seq[®] service originate?

To sequence your DNA samples, there are three things that we need to know.

- 1) Template concentration,
- 2) Sequencing primer and
- 3) email address

that the results can be delivered.



Among these, we already know your email address because we might have already communicated several times by email.

So the only information that we need to have is the template/primer information. Normally, you know much more about your samples than we do, so if the template and primer can be premixed in your lab with our recommended condition before they were delivered to us, we don't even need to have this information, and we can start sequencing immediately!

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How does the system work in EZ-Seq[®] service?

First of all request us with the EZ-seq labels. This will be the only time you need to log in our web site.

We will send you labels along with just one single invoice for the entire labels if you just give us the number of labels that you want.

You are asked to give an email address to us when requesting labels. This email address is very important for you to have your sequence result with EZ-seq labels.

Once the orders are received to us, we will send you the followings.

- EZ-seq labels along with a leaflet of user-guide (via registered mail)
- Excel file of the EZ-seq serial numbers for your own record (via email)

All you need to do is to premix DNA and primer in one tube, label the samples with EZ-seq label, and send them to Macrogen Inc. The sequence results shall be delivered to the email address that you registered.

The Barcode Label

You will see that one EZ-seq label is made up of two parts. One is for your own record keeping, and the other is for attaching on the tubes or plates.



When attaching on tube, please start from the arrow side and roll it around so that the label can overlap itself. For plate label, please attach anywhere on top of the lid. In any case, it is important to make the 2D bar-code visible, not hindered by anything. Labels are provided as a long strip of many labels. Among them the very first label consists of your name, invoice number and the email address to which the results will be directed. This particular label is not for sample labeling but for your own record keeping.

How to use EZ-Seq[®] service?



1. Request us the EZ-seq label at our web site.
<http://dna.macrogen.com>



2. EZ-seq labels shall be delivered to you very soon.



3. Please attach the label on your tubes of the premixed samples.



4. Send the samples to Macrogen Inc.



5. You will receive the results by email.

Advantages of EZ-Seq[®] service

- ✓ Simplification of making order
- ✓ Getting rid of every individual invoice per order
- ✓ Cheaper price than regular service
- ✓ Fast turnaround time

How to prepare samples

- 1) Template DNA of 5 μ l with either of following concentrations.
 - A. 50 ng/ μ l of PCR product
 - B. 100 ng/ μ l of plasmid DNA
- 2) Add 5 μ l of primer with either of following concentrations.
 - A. 5 pmole/ μ l for EZ-seq Direct service (without purification)
 - B. 10 pmole/ μ l for EZ-seq Purification service (for PCR products)

Please put total amount of 10 μ l in 1.5ml tube, and send the samples to us.