

DNA Sequencing Quote

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Quote # 42346
UCR
Date: 07/01/24

Catalog #	Description	Price
2000-01	Primer extension sequencing: Single Tube, Primers Separate	\$4.00 Per Reaction
2000-02	Primer extension sequencing: Single Tube, Primers Premixed	3.50 Per Reaction
2000-87	96-Well Format The concentrations of the samples must be normalized and either: 1. Sequence with 1 primer 2. Sequence with a corresponding primer plate matching well-to-well for more than one primer 3. Contain primers premixed with DNA	275.00 Per Plate
2000-27	Sequencing Difficult Template –Sequencing Protocol for Problematic Template (High GC, Hairpins, or siRNA Secondary Structures)	3.00 Per Sample (Additional)
2000-08	Miniprep Plasmid Purification Single Tube	5.00 Per Sample
2000-83	Miniprep Plasmid Purification 96-Well Format	175.00 Per Plate
2000-12	PCR Purification by ExoSAP Single Tube	1.50 Per Sample
2000-88	PCR Purification by ExoSAP 96-Well Format	150.00 Per Plate
2000-11	PCR Amplification and Purification	25.00 Each
2000-21	Primer Design and Synthesis	25.00 Each
2000-06	Primer Synthesis	0.70 Per Base

Free Sequencing Sample Pickup Service (Mon-Fri). Just schedule your pickup by telephone or electronically through your dnaLIMS account by 2:00 pm and leave your samples and order form in the pickup location (lab bench, front desk, drop box, etc.) by 3:00 pm.

Free Trial Offer – Get 5 Free Reactions for the Lab or 2 Free Reactions per Individual Researcher on Your First Order! Please indicate in the comments section of your order form.

Recommended DNA Template and Primer Quantities for Each Reaction

DNA and Primer Separate

DNA	Concentration	Amount	2x Amount
PCR product	DNA 5-20ng/μl	50ng	100ng
Single stranded	plasmid 50-100ng/μl	150ng	300ng
Double stranded	plasmid 50-200ng/μl	300ng	600ng
BAC	100-200ng/μl	2000ng	4000ng
Primer	10pmol/μl	5μl	10μl

DNA and Primer Combined

DNA	Amount	Primer	Total Vol.	2X DNA	2X Primer	2X Total Vol.
PCR product DNA	50ng	10pmoles	6μl	100ng	20pmoles	12μl
Single stranded plasmid	150ng	10pmoles	6μl	300ng	20pmoles	12μl
Double stranded plasmid	300ng	10pmoles	6μl	600ng	20pmoles	12μl
BAC	2000ng	10pmoles	6μl	4000ng	20pmoles	12μl

Repeat Policy

If you are not completely satisfied with the results after consultation with the laboratory director, the process will be repeated at no additional charge.

If you request a failed reaction repeated with a different primer, new DNA, or special conditions, Retrogen will bill you for a new reaction. If samples consistently fail, Retrogen will repeat one failed reaction to confirm that we initially set up the reactions correctly. The following are examples of such cases: The same template fails with different primers or the same primers, results are inconsistent with same template and different primers i.e., some succeed and others fail, or a particular primer consistently fails with multiple templates.

Ordering Instructions

- 1. Prepare your samples** using the Submission Template Requirements at:

<http://www.retrogen.com/site/submissionrequirements>.

Universal primers, available at no additional charge, are listed here:

<http://www.retrogen.com/site/universalprimers>

If you need custom primers synthesized, please refer to:

<http://www.retrogen.com/site/customoligossequencing>

- 2. Create a dnaLIMS Account** at the below address and submit your order electronically. Please call if you need assistance with your order.

<https://order.retrogen.com/login/>

3. Packaging:

Single Tube Sequencing - Smaller orders should use 1.5mL epi tubes. Screw cap tubes are more time consuming so pop caps should be used. Each tube must be clearly labeled to match with the order forms. Tube strips, while convenient, are difficult to label and to keep track of so for large orders (24+ samples) please use 96 well plates.

96 Well Plate sequencing - Please submit your DNA and primers at the concentration according to the table on the Submission Template Requirements page. The concentration of DNA and primers should be normalized and arrayed vertically from A1-H1, A2-H2...etc. on the 96-well plate. The plate should be sealed or capped using strip lids to prevent leakage.

4. Pickup:

Free sequencing sample pickup service (Mon-Fri). Please schedule your pickup request by telephone or electronically through your dnaLIMS account by 2:00 PM and leave your samples and order form in the drop location by 3:00 pm.

Features and Benefits

Highest quality sequencing data - **up to 1,000 bases** per run

Longest reads allow you to finish your project more quickly with fewer custom primers and reactions

Fully automated sample loading and data tracking

Consistent data from every sequencing run

Less template required

Next-Day Turnaround (Results by 10:00 am M-F and 12:00 pm Saturday)

High throughput capacity of over 20,000 reactions per week

Get professional consultation from our friendly and highly experienced genomics staff

