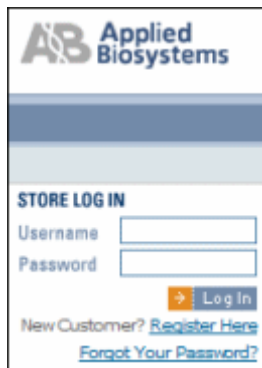


How to Order Primers and Probes

This document provides step-by-step instructions for customizing and ordering Primers and Probes.

- 1 Go to the Applied Biosystems Web site (<http://www.appliedbiosystems.com>).
- 2 Log in to the Store in the upper-left corner of the page:



The screenshot shows the Applied Biosystems logo at the top. Below it is a 'STORE LOG IN' section with two input fields: 'Username' and 'Password'. A 'Log In' button is positioned to the right of the password field. Below the login fields are three links: 'New Customer? Register Here', 'Forgot Your Password?', and a 'Log In' button with a right-pointing arrow.

- 3 In Products and Services click **Primers and Probes**:



The screenshot shows the 'Products & Services' page. It features a welcome message and a list of product categories. A mouse cursor is pointing to the 'Primers & Probes' link under the 'DNA/PNA Synthesis' category.

Products & Services

Welcome to our online Store. To browse, simply select a category below. Log in to place orders and to check pricing and availability.

- **Chromatography**
 - HPLC Systems
 - Media, Columns & Spare Parts
- **DNA Sequencing**
 - DNA Sequencers
 - DNA Resequencing Assays
 - Reagents & Kits
 - Capillaries & Polymers
 - Services & Software
- **DNA/PNA Synthesis**
 - DNA Synthesizers
 - **Primers & Probes**
 - Columns & Reagents
 - Software
- **Microarrays**
 - Microarray Scanners
 - Microarrays & Kits
- **PCR/RT-PCR**
 - Thermal Cyclers
 - Primers & Probes
 - PCR Enzymes & Kits
 - RT-PCR Enzymes & Kits
 - Buffers & dNTPs
 - Controls
 - Trays, Plates, Covers & Sealing Films
 - Tubes, Caps & Accessories
- **Peptide Synthesis**
 - Peptide Synthesizers
 - Columns, Resins & Reagents

- 4 Click the desired product type. For example, click **TaqMan® MGB Probes**:

Primers & Probes

- **Custom PNA Probes**
 - Custom PNA Probe Service
- **Custom Primer Pairs**
 - 5' Fluorescent Labeled/Unlabeled Di-Repeats
 - 5' Fluorescent Labeled/Unlabeled Di-Repeats + Tail
 - 5' Fluorescent Labeled/Unlabeled Tri/Tetra Repeats
 - 5' Fluorescent Oligo/Unlabeled Oligo
- **Custom Probes**
 - 5' Fluorescent Labeled Oligo
 - 5' Labeled NH Ester
 - Sequencing Primer Kit: 5FAM, JOE™, TAMRA™, ROX™
 - TaqMan® MGB Probes**
 - TaqMan® TAMRA™ Probes
- **Custom Unlabeled Primers**
 - Sequence Detection Primers
 - Unlabeled Oligo

- 5 Click **Configure** for the number of pmoles you need:

<input type="checkbox"/>	Product Name	Part Number	Quantity/Package
<input type="checkbox"/>	TaqMan® MGB Probe 6,000 pmol CONFIGURE >	4316034	1 tube
<input type="checkbox"/>	TaqMan® MGB Probe 20,000 pmol CONFIGURE >	4316033	1 tube
<input type="checkbox"/>	TaqMan® MGB Probe 50,000 pmol CONFIGURE >	4316032	1 tube

- 6 View your options for your Oligo, and click **Next Step**:

1 Select Options |
 2 Enter/Upload Sequences |
 3 Review and Order

Please select your purification and formulation options below, and then click **Next Step**.

Note: After 60 minutes of inactivity, unsaved sequence data will be lost.

Options	Oligo Ordering Demo
Purification: HPLC	Please view our Ordering Demo to help you with your configuration.
Formulation: Liquid	
Diluent: 1xTE	
3' Label: MGBNFQ	
pmol/ul: 100	
Next Step	

-
- 7 To enter sequence information, choose either OPTION 1 or OPTION 2:
- OPTION 1: Enter or copy your sequences in the text area.
 - OPTION 2: Upload a text file (.txt).

If you choose OPTION 1, then type your sequence(s) in the text box using the following format:

```
Name of probe
Dye-Sequence
```

For example:

```
Oligo 1
6FAM-ACGTACGTACGTA
Oligo 2
6FAM-ACGTACGTACGTAC
```

If you choose OPTION 2, then enter the full path and file name or click **Browse...** to locate and select the desired file. The file that you upload must be a tab-delimited text file. The format for this file must be:

```
Name_of_probe^Dye^Sequence
NOTE: A caret (^) indicates a tab.
```

For example:

```
Oligo 1 6FAM ACGTACGTACGTA Oligo 2 6FAM ACGTACGTACGT
```

- 8 Click **Next Step**.

The Review and Order page appears:

Click **Edit/View** to review and/or modify an oligo.
To remove oligo(s), check the corresponding box(es), and then click **Delete**.
You may proceed with your order when your list contains only Valid oligos.
When the list contains only Valid oligos and is complete, click **Submit**.

Note: After 60 minutes of inactivity unsaved sequence data will be lost.

Name Oligos Order							Options	
You must name your order before adding to the basket.							Purification: HPLC	
Order Name* <input type="text" value="DefaultOrderName"/>							Formulation: Liquid	
							Diluent: 1xTE	
							pmol/uL: 100	
<input type="checkbox"/>	Oligo Name / Sequence	5' Label	3' Label	No. of Bases	Status	Edit	Add More Oligos	
<input type="checkbox"/>	Oligo1: ACG TAC GTA CGT AT	6FAM	MGBNFQ	14	VALID	Edit	You may add more Oligos by returning to "Enter/Upload Sequences"	
<input type="checkbox"/>	Oligo2: ATC AAG TAC GTA CGT ACT	VIC	MGBNFQ	18	VALID	Edit	Oligo Ordering Demo Please view our Ordering Demo to help you with your configuration.	
Delete							Legend	
You may proceed with your order when your list contains only Valid oligos. To remove oligo(s), check the corresponding box(es), and then click Delete. When the list contains only Valid oligos and is complete, select a Shopping Basket from the pull-down list, and then click Add to Basket.							Bases: A C G T	
							Degeneracies: B = (GCT) D = (AGT) H = (ACT) K = (GT) N = (AC) N = (AGCT) R = (AG) S = (GC) V = (AGC) W = (AT) Y = (CT)	
							Modified Bases: I = Inosine	
Previous Step							My Basket <input type="text" value="▼"/> Add to Basket Cancel	

- 9 Review your oligo sequence information for accuracy. If you need to change information for any oligo, click the corresponding **Edit** button.
- 10 Type an "Order name" for this order in the text box.
- 11 Select the desired shopping basket from the drop-down list, and then click **Add to Basket**.

Confirmation that you have added to the shopping basket appears.

- 12 Click "Shopping Basket":



Your shopping basket appears.

13 To place your order, click **Continue**:

Shopping Basket: Applied Biosystems Store

• For ordering help please try the Order Help link, or call Order Administration 1-800-327-3052, during business hours
Monday - Friday: 6:00 AM to 5:00 PM Pacific Time, or e-mail us at portal_test_email@appliedbiosystems.com.

• Click Update Basket to update quantities and pricing.

• Click on this icon **CONFIGURE** to enter quantity and sequence information for Custom Product . When configuration is complete, it will say **Configuration Details**

• Newly registered users: Please proceed to place this order and your discounted pricing, tax and freight will be applied.

My Basket exp. 01/20/2006

[Email Basket](#) [Continue](#)

Custom Products may not be cancelled.
Please refer to our [Order Cancellation and Return Policy](#)

[Delete](#) [Update](#)

Select All	Products	Part Number	Quantity	List Price	Your Price	Extended Price
<input type="checkbox"/>	1. TaqMan® MGB Probe 5,000 pmol Configuration Details <ul style="list-style-type: none">Name: DefaultOrderNameOligo Option Price: USD \$0.00 Product Details Ship Date (Estimated : 12/02/2005)	4314034	2	USD \$250.00	USD \$0.00	USD \$0.00

Totals	
Subtotal	USD \$0.00
Freight *	USD \$0.00
Tax	USD \$0.00
Total Price	USD \$0.00

Options

[Request Certificate of Analysis](#)

[Hide design/sequence details for configurable products.](#)

14 Continue through to complete the ordering process:

1 Shopping Basket 2 Shipping & Billing 3 Summary 4 Confirmation

Worldwide Sales Offices

Applied Biosystems vast distribution and service network, composed of highly trained support and applications personnel, reaches 150 countries on six continents. For international office locations, please call the division headquarters or refer to our Web site at www.appliedbiosystems.com

Applera is committed to providing the world's leading technology and information for life scientists. Applera Corporation consists of the Applied Biosystems and Celera Genomics businesses.

Headquarters

850 Lincoln Centre Drive
Foster City, CA 94404 USA
Phone: 650.638.5800
Toll Free: 800.345.5224
Fax: 650.638.5884

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