

# Customize Promega amplification reagents to suit your specific needs

## Primary Manufacturer

Promega is a primary manufacturer of amplification components. Therefore, we control all aspects of product manufacturing, from raw materials through finished product. Eliminate uncertainty in your supply chain and tap into over 40 years of amplification reagent manufacturing experience to customize any of these reagents to suit your specific needs.

## Customizable Amplification Reagents

Product		Common Customization Options					
		Product Format			Product Formulation		
		Dispense Size	Packaging	Labeling	Concentration	Composition	Quality Assurance Testing
Enzymes	DNA Polymerase	✓	✓	✓	✓		
	Hot Start DNA Polymerase	✓	✓	✓	✓		
	Reverse Transcriptase	✓	✓	✓	✓		
Components	PCR Buffers	✓	✓	✓	✓	✓	
	MgCl <sub>2</sub> Solution	✓	✓	✓	✓		
	dNTPs	✓	✓	✓	✓		
	dNTP Mixes	✓	✓	✓	✓		
PCR Master Mixes		✓	✓	✓	✓	✓	✓

Customization of amplification reagents can range from changes to the product's format to formulation. Some of the more common customization options include:

**Product Format: Packaging, Labeling and Dispense Size:** The final product format can be changed to accommodate your specific needs. The product can be dispensed into small vials or large bulk bottles, with over 80 choices of vials and bottles. Product can be labeled according to your specifications, including any private label requirements you might have, e.g., with your company logo. Dispensed product can be packaged into almost any format, including packaging specifically designed for you. We have packaging engineers who can help you choose the product format that works best for you.

**Product Concentration:** When you are changing a product's concentration, the formulation of the product remains constant, but you are either changing the product to be more concentrated or more dilute. For example, you may want an enzyme that is more concentrated than the standard Promega catalog product. The product is manufactured using the same baseline manufacturing process and QC procedures as the catalog product but adjusted to yield a higher concentration. This customization option is available for any amplification reagent listed.

**Customizable Amplification Reagents Continued**

**Product Composition:** For some amplification reagents, you can change the product's composition, especially for PCR master mixes. Off-the-shelf PCR master mixes can leave you on the edge of performance. We can work with you to identify an optimal master mix composition of buffer, enzyme and MgCl<sub>2</sub> that helps you achieve consistent amplification performance specific to your application. You can either optimize the composition of an amplification reaction on your own, or you can accelerate your development by starting with our [PCR Optimization Kit](#). Another option is changing the composition of the amplification reagents to be lyophilization-compatible. Many standard compositions of amplification reagents are not compatible with downstream lyophilization, so we offer multiple, lyophilization-compatible custom amplification reagents.

**Quality Assurance Testing:** We understand that quality assurance testing may not be one-size-fits-all. We can work with you to determine if new or additional quality assurance testing is necessary for your new custom amplification product.

**Need Something Uncommon? Just Ask.** The benefit of working with a leading primary manufacturer of amplification reagents is that we have the expertise to adapt to your needs. If you want to explore customization options out of the ordinary, give us a call. Our experienced R&D and manufacturing scientists are available to discuss your needs.

### Quality and Consistency

Custom amplification products are manufactured under a rigorous quality system that meets ISO 9001 and ISO 13485 standards with select products manufactured under cGMP. Benefit from a customer-centered quality system without having to build it yourself.

### Safe and On-time Delivery of Your Custom Solution

Promega has branches in 15 countries with more than 50 global distributors serving 100 countries. Our fully controlled, reliable, end-to-end supply chain—from inventory management to warehousing, order processing and distribution—ensures accurate and timely product delivery. We are IATA-certified and provide flexible shipping options, depending on your needs.

### On-going Technical Support

Promega prides itself on superior customer and technical support. Global support includes sales, technical support, custom consultants, clinical collaboration managers, field support scientists, application scientists, strategic collaborations teams, scientific training and instrument services. Your custom solutions team of experts remain available for assistance after your order is delivered.

Let's **TALK**  
CUSTOM

### Contact us today!

One of our scientists will be in touch to discuss your needs, address your challenges and serve as your champion in finding a custom solution.

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