

Accelerate the Development of YOUR MDx Assay with Tailored Lyophilized Master Mix



Experience the efficiency of NanoHelix's customized development and production service for your comprehensive lyophilized master mix, available in bead or cake format. We provide this service using our premium enzymes and offer a range of lyophilized master mixes, including real-time PCR, RT-PCR, LAMP, and RT-LAMP.

Unlike ready-made alternatives that entail cumbersome primer and probe dispensing, our service integrates the customer's primers and probes into the final lyophilized product.

Opting for our service not only saves time and effort, but also reduces production costs significantly.



Custom Lyophilized Premix

- Enzyme
- dNTPs
- Buffer
- Mg²⁺
- **YOUR Primers & Probes**

ALL INCLUSIVE



Service Outline



Needs Identification & Consultation

- Specifying customer's requirements
- Consultation and scheduling
- Setting quality standards and specifications



Optimization & Evaluation

- Reagent optimization
- Pilot production for customer evaluation



Production & Quality Control

- Full-scale production
- Quality assurance assessment and issuance of Certificate of Analysis
- Customized packaging and labeling choices



Delivery & Supports

- Provide reliable supply and delivery
- Regular stability assessment reporting
- Ongoing technical support

Unlocking Value : Benefits of Choosing Our Services

Experience Tailored Customization



Our lyophilized premixes are available in cake or bead form to suit your specific requirements. Whether you need 8-strip tubes, 96-well plates or bulk bottles, we can serve you with consistent quality and performance.



Bead or Cake
in 8-strip tube



Bead or Cake
in 96-well plate



Beads in bottle

Say goodbye to storage and delivery concerns with our stable lyophilized premixes. Designed to be stable at room temperature, they eliminate the need for cold chain transport and are easy to store. The high stability of lyophilized reagents also means they can be used in remote areas with limited infrastructure, and make it ideal for developing point-of-care diagnostics product.

Eliminate Storage and Delivery Hassles

Long term
Storage & Stability
@ RT



Save Your Time and Effort



Experience streamlined development with our expert service and support. Since 2008, NanoHelix has specialized in reagents for molecular diagnostics(MDx). With our experience in supplying PCR enzymes and raw materials for MDx, we ensure consistent supply and quality control under ISO13485:2016 standards.

Trust us as your reliable partner for molecular biology.

Reliable Partner for DNA Technologies



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