

## Lyophilization with biotechrabbit is:



- Low volume of highly concentrated lyophilizate
- Same high activity as liquid equivalents
- Consistent quality for every product
- Increased stability of the reagents
- Suitable for high throughput
- Less risk of contamination
- Shorter assay preparation
- Longer shelf-life of the reagents
- Environment-friendly products
- Easy and fast reconstitution
- Free from cool chain logistics
- Reduced shipment costs
- Storage and shipment at ambient temperature
- Customized solutions
- Fast lead time with excellent technical support

Drawing from over 30 years of extensive expertise in lyophilization, **biotechrabbit's** scientists possess a profound understanding of parameter optimization, bead design, and protocol development. This knowledge empowers **biotechrabbit** to provide a diverse array of lyophilizate formats and scales, ranging from 1  $\mu$ l to 300  $\mu$ l of liquid material. This, in turn, ensures that our reagents consistently deliver peak performance in applications within the realms of molecular biology and diagnostics.



Spherical Beads

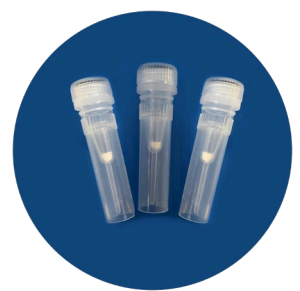
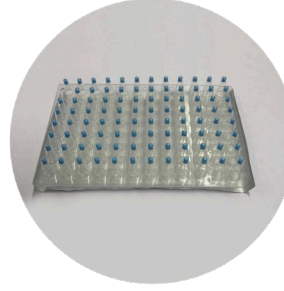
Bullet Shaped Beads

Lyo-Cakes in Plastic or Glass Vials

Cakes in PCR Plates/Strips

Beads for POC Cartridges

Customized Colors and Formats



- Best excipient content and formulation
- Stable in a wide range of environmental conditions
- Fast solubilized cakes/beads
- Larger volumes on request
- Various colors



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## Lyophilized and LYO-ready Catalog Products:

CAT #	PRODUCT	SIZE
BC0503202	5X CAPITAL™ 1-Step qRT-PCR Probe Mix, lyophilized	200 rxn of 20 µl
BR0502701	4X CAPITAL™ qRT-PCR Probe Mix, lyophilized	200 rxn of 20 µl
BR0502601	4X CAPITAL™ qPCR Probe Mix, lyophilized	200 rxn of 20 µl
BR0201103	2X Hot Start PCR Master Mix, lyophilized	200 rxn of 50 µl
BR0202403	2X YourTaq™ Hot Start PCR Mix, lyophilized	200 rxn of 50 µl
BR0101202	Taq DNA Polymerase, 5 U/µl, lyophilized	500 U
BR0101203		2500 U
BR0101101	2X PCR Master Mix, lyophilized	50 rxn of 50 µl
BR0101102		250 rxn of 50 µl
BR1100901	Proteinase K, lyophilized	30 mg
BR1100902		150 mg
BR0502901	10X LYO-ready CAPITAL™ qRT-PCR Probe Master Mix with 5X qRT-PCR Probe Reconstitution Buffer	500 rxn of 20 µl
BR0502903		5000 rxn of 20 µl
BR0503001	10X LYO-ready CAPITAL™ qRT-PCR Probe Master Mix with 2X qRT-PCR Probe Reconstitution Buffer	500 rxn of 20 µl
BR0503003		5000 rxn of 20 µl
BC0504305	14X Lyo-ready CAPITAL™ qPCR Probe Master Mix	500 rxn of 20 µl

## Lyophilization Services:

biotechrabbit combines an innovative lyophilization process with high-quality enzymes and well-established buffer or Ready Mix compositions.

According to the customer's needs, biotechrabbit can provide the following services:

- Lyophilization of the customer's raw materials
- Optimization of the customer's product for the lyophilization
- Development and manufacturing of lyophilized products on request
- Full service, including
  - Formulation development
  - Enzymes production
  - Lyophilization
  - Packaging
  - Labeling



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