

qPCR Probe LyoBeads

#2101

Store at room-temperature

Contents & Description

qPCR Probe LyoBeads contain all components necessary for rapid, sensitive and reproducible detection and quantification of DNA and cDNA.

All necessary components for a reliable PCR are already included in one LyoBead: an engineered DNA polymerase, an optimized reaction buffer and ultrapure dNTPs.

A hot-start formulation of the included DNA polymerase prevents false amplification during the reaction set-up.

Recommendations for PCR/ Reaction Setup

PCR Mix

Component	Volume
LyoBead*	0.75 µl (this is the volume of one LyoBead)
Primers & Probes	x µl
Template / Sample	y µl
Water	fill up to 20 µl total reaction volume

* LyoBeads can be dispensed by using fine metallic tweezers or a small metallic spoon

Quality Control Assays

qPCR Probe LyoBeads are tested in real-time qPCR. The product demonstrates linearity of amplification over a specified serial dilution of human genomic DNA.

DNA polymerase activity: DNA polymerase activity has been monitored and adjusted to a specific DNA polymerase activity using an artificial DNA template and a DNA primer.

Enzyme-concentration has been determined by protein-specific staining. Please inquire more information at info@mypols.de for the lot-specific concentration.

No contamination has been detected in standard test reactions.

Safety

This product does not require a Material Safety Data Sheet because it does neither contain more than 1% of a component classified as dangerous or hazardous nor more than 0.1% of a component classified as carcinogenic. However, we generally recommend the use of gloves, lab coats and eye protection when working with these or any other chemical reagents. myPOLS Biotec takes no liability for damage resulting from handling or contact with this product. Further information can be found in the REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL.