

# Random Hexamers primer

Cat No. MB702-0100

Conc.: 50uM

Size: 100ul

Store at -20°C

## Description

Random Hexamers are short oligodeoxyribonucleotides of random sequences [d(N)<sub>6</sub>] that anneal to random complementary sites on a target DNA or RNA and serve as primers for DNA synthesis by a DNA polymerase or reverse transcriptase.

During cDNA generation, random priming gives random coverage to all regions of the RNA to generate a cDNA pool containing various lengths of cDNA. Random priming is incapable of distinguishing between the mRNA and other RNA species present in the reaction.

## Protocol

We recommend using 1 µl of Random Hexamers primer per 20 µl reaction volume.

## Quality control

This product is qualified in a cDNA reaction.

## Applications

- cDNA synthesis using a Reverse Transcriptase with RNA templates
- DNA synthesis using the Klenow fragment with DNA templates
- DNA probe synthesis for use in Southern, Northern, and in situ hybridization applications

## Notes

For research use only.