



Random Hexamer primer

For research use only

Cat No: YT4550

Size: 184 RXN

Store at -20°C

The volume of DEPC water used for:

- **Concentration 100 μM :** 92.09 μl
- **Concentration 50 μM :** 184.48 μl

Product description:

Random hexamer primers are mixtures of single stranded hexanucleotides which contains random nucleotide sequences. They anneal random to DNA or RNA targets for DNA synthesis by reverse transcriptase or DNA polymerase enzymes. In the result of this random priming a pool of cDNA containing various lengths of cDNA will be generated. Random primers has been functionally tested in cDNA synthesis.

Features:

- Ultra-pure grade
- DNase/ RNase free

Storage and reconstitution

We usually supply unmodified oligonucleotides in lyophilized state, since this form is less sensitive to degradation by nuclease and more stable for transportation. We recommend you to store this lyophilized state at the temperature of -20°C or below. Once you have dissolved your oligonucleotides in the sterile water or buffered solutions (or you have already received your oligonucleotides in the requested solution), the best way to keep item is to aliquot them in to several tubes, and store them at -20°C . The sample you are using can be kept in a refrigerator at 4°C for a short time to avoid continuous freezing and thawing of the solution.

Primer Sequence: 5' – d (NNNNNN) –3' N = G, A, T or C

Protocol for cDNA synthesis:

Use 0.5 or 1 μL in a 20 μL reverse transcription (RT) reaction .

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