



Oligo(dT) 18 primer

For research use only

Cat No: YT4551

Size: 60 RXN

Store at -20°C

The volume of DEPC water used for:

- **Concentration 100 μM :** 30.48 μl
- **Concentration 50 μM :** 60.96 μl

Oligo (dT)18 are single stranded oligodeoxyribonucleotides containing only deoxythymine (dT) repeats. This 18-mer oligonucleotide just anneal to poly(A) tail that found at the 3'-end of most mRNA molecules. Oligo (dT)18 is designed to be used as a primer for first-strand cDNA synthesis with a reverse transcriptase, where Reverse Transcriptase is starting the reaction from the poly-A-end of mRNA . this primer is frequently employed when cDNA is used for cloning, cDNA library construction and qPCR.

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 (TTT TTT TTT TTT TTT TTT)-3'

Protocol for cDNA synthesis:

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

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