

Description: Oligo (dT) 15 Primer is designed to initiate the synthesis of cDNA from total RNA in a reverse transcription reaction, where Reverse Transcriptase is starting the reaction from the poly-A-end of mRNA. It can also be used for generation of labeled cDNA to screen microarrays. Oligo (dT)15 Primer are supplied in lyophilized form.

Content

Ref No.	509001
Oligo (dT) 15 Primer	30 µg
Nuclease-free water	1.8 mL
Datasheet	1

Application: for synthesis of cDNA from total RNA in a reverse transcription reaction and generation of labelled cDNA for screening of microarrays.

Concentration: 0.5 µg/µL for solution in 60 µL Nuclease-free water, 30 µg equals ~1 OD unit (A260), MW = 4501 mol/L

Quality Control

- First strand cDNA synthesis
- PCR amplification tests with cDNA templates

Storage condition: -20 °C

May be stored at 4°C for short-term only. Aliquots are stable for at least 24 months at -20°C.

For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Further dilutions can be made in assay buffer.