



Ps-Revert cDNA Synthesis Kit

cDNA synthesis reaction set up

Thaw on ice and mix very well all reagents.

Prepare the following cDNA Synthesis Mix, add the following components in the indicated order:

dNTP Mix	2 μ l
Hexamer Primer (Recommended) Or Oligo (dT) Primer	1 μ l 0.5 μ l
RNase Inhibitor	0.5 μ l
5 \times cDNA Synthesis Buffer	4 μ l
RNA Template	Up to 1 μ g total RNA <i>(for example, 5 μl of 200 μg/ml RNA)</i>
PS-Revert Reverse Transcriptase	1 μ l
PCR Grade Water	Variable
Total volume	20 μ l

- Mix and collect the drops by centrifuging briefly.

For Hexamer Primer:

Incubate 10 minutes at 30°C

Incubate 60 minutes at 50°C

Incubate 5 minutes at 99°C

For Oligo (dT) or gene-specific Primer

Incubate 60 minutes at 50°C

Incubate 5 minutes at 99°C