

cDNA synthesis using LunaScript™ Reverse Transcription kit

The New England Biolabs Lunascript™ kit is the recommended method for reverse transcription of the RNA, isolated from viral samples, because of the compatibility of the buffering system with the buffering system of the HiFi polymerase used in the RC-PCR reaction.

Catalog Number E3010S or E3010L (New England Biolabs):

Quick Start Protocol for generation of 10 µL cDNA:

Lunascript Supermix	2.2 µL
Water	3.3 µL
RNA sample	5.5 µL
Total	11 µL

Thermal Profile:

<i>2 min</i>	<i>25°C (primer annealing)</i>
<i>20 min</i>	<i>55°C (reverse transcription)</i>
<i>1 min</i>	<i>95°C (heat inactivation)</i>
<i>∞</i>	<i>4°C</i>

Use 2 x 5 µL of this cDNA directly in the RC-PCR reaction according to the protocol.